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THE

BOILERMAKER'S READY-RECKONER.

WITH EXAMPLES OF

PRACTICAL GEOMETRY AND TEMPLATING,

FOR THE USE OF

PLATERS, SMITHS, AND RIVETERS.

BY

JOHN COURTNEY,

AUTHOR OF "THE BOILERMAKER'S ASSISTANT."

REVISED AND EDITED BY

D. KINNEAR CLARK, C.E.,

AUTHOR OF "RAILWAY MACHINERY," ETC.

FIFTH EDITION.

LONDON

CROSBY LOCKWOOD AND SON

7, STATIONERS' HALL COURT, LUDGATE HILL

1902

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PREFACE.

For the purpose of making this book more thoroughly deserve its name, I have included in it all the tables that I think will be useful to those for whom it is intended. In it the piece-work plater, who is paid by the ton, will find without trouble the weight of his iron when he has the size of it; smiths will find reliable information as to circumferences of circles in plate-iron and angle-iron; riveters will be able to settle the payment of the holder-on from the rivet-table; and apprentices will gain some knowledge of the rules that are to guide them in templating. With the tables will be found the rules for calculating them; also some small tables of strengths of ropes and chains, always useful to the Boilermaker.

John Courtney.

Glasgow, *March*, 1, 1882.

NOTE TO THE SECOND EDITION.

In the second edition of the "Boilermaker's Ready Reckoner" I have taken the opportunity of adding a few tables of the strength of riveted joints, and this I hope, along with the improved and cheaper form of the book, will not only still further increase its popularity, but help to make it what it is intended to be, thoroughly useful to the working Boilermaker. J. C.

September, 1884.

NOTE BY THE EDITOR.

Having revised and edited this, Mr. Courtney's second book written for the benefit of his fellow-workmen, I am able to state that he has judiciously followed up the lines laid down in his first book. His Rules and Tables, herein produced, will save many a troublesome calculation, and will at the same time form a reliable guide to the working Boilermaker.

D. K. Clark.

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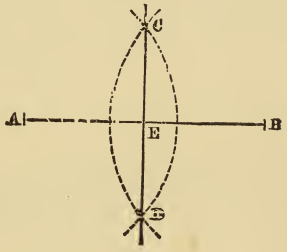
THE BOILERMAKER'S READY-RECKONER.

PRACTICAL GEOMETRY.

To bisect the given line A B.—From the centres A and B with a radius greater than A E, half the distance, describe arcs cutting each other at C and D; draw a line through the intersections, then A B is bisected by the line C D.

Fig. 1.



To bisect the given line A B *from a point without the line, as at* C.—With any radius greater than the distance to the line A B, describe arcs of a circle D E, cutting the line A B. Again, with any convenient radius, on D and E as centres, describe two arcs intersecting at F. Draw C F, which is at right angles to A B.

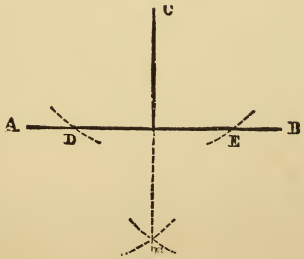


Fig. 2.

To draw a line at right angles to the line A B *from*

the point B *at one end.*—With any radius describe a semicircle that will pass through the point B, cutting A B in C; then draw a line from the intersection at C through the centre E of the semicircle, intersecting the circle at D. Draw D B, which is at right angles to A B.

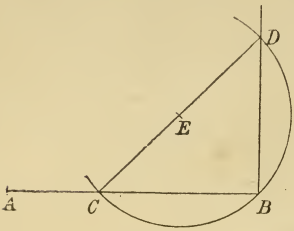


Fig. 3.

To draw a line at right angles to the line A B, *from a point* C *nearly opposite one end.*—From C draw a line cutting A B at F, and bisect this line at J; then on J as centre with J F as radius, describe an arc cutting A B at H. Draw C H, which is at right angles to A B.

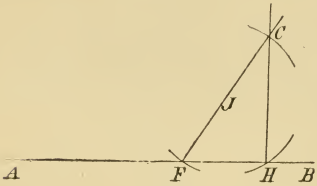


Fig. 4.

To square out a plate.—Let the plate be represented by the thick outer line. Draw a line, A B through the centre of the plate and bisect it by the line D C. On these centre lines mark out, on each side from the centre O, the

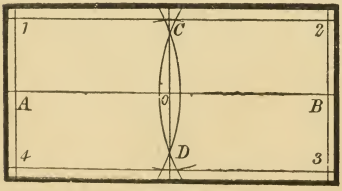


Fig. 5.

half-length and the half-breadth of the plate. Or, mark off the centre lines of rivet-holes if there are to be holes.

Set the trammels or compasses to half the breadth of the plate, and from A and B as centres describe arcs of circles at the corners 1, 2, 3, 4. Again, set the trammels to half the length of the plate, and from C and D as centres describe arcs cutting the other arcs at 1, 2, 3, 4. Join the intersections of these arcs; the plate should be square at all the corners. Mark the rivet-holes on these lines, and add a margin for lap. To prove if the draft be square, measure diagonally from corner to corner both ways.

To square out a plate from one edge of it.—Let A B be the length of the edge of the plate. Draw a perpendicular at B C; and with the breadth of the plate as radius, on A B, as centres, describe arcs of circles at D and C. Again, with the length of the plate as radius, on B C, as centres, describe intersecting arcs at A and D. Draw A D and D C.

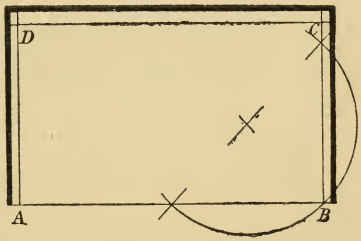


Fig. 6.

To draw a quarter-circle corner of any given radius.—Set the compasses to the given radius, and on O as centre describe arcs of circles at A

and B. With the same radius on A and B as centres, draw arcs intersecting at C. Then C is the centre from which to draw the quarter-circle with the given radius.

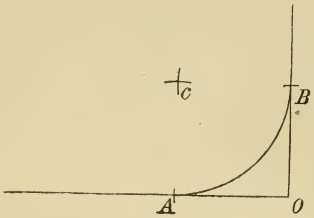


Fig. 7.

To draw two diameters at right angles in a given ring.—Draw any chord A B, Fig. 8, and on A and B as centres, either at the edges of the ring, or midway between the two edges, describe arcs cutting at C and D, and draw the diameter E F through the intersections. On E and F as centres, describe arcs cutting at G and H, and draw the other diameter through the intersections. The diameters E F and G H are at right angles.

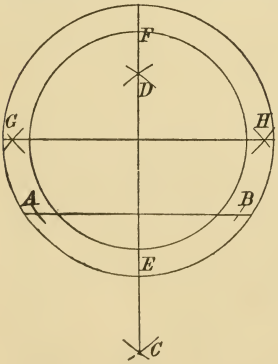


Fig. 8.

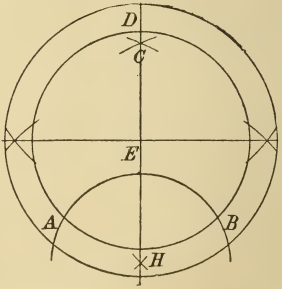


Fig. 9.

To draw two diameters at right angles in a given

ring from a given point.—On the given point H, Fig. 9, as centre, and with any convenient radius, describe the arc A B; and on A and B as centres describe arcs cutting at C, and join C with the given point H, drawing the diameter D H. On D and H as centres, bisect D H at E, and draw the second diameter at right angles to the first.

To draw a circle through three given points, 1, 2, 3.—On 1 and 2 as centres, and with a radius greater than half the distance between 1 and 2, describe two arcs cutting at A and B. Bisect the distance between 2 and 3 in the same way, and draw lines through the intersections of the arcs of circles, producing them till they meet at O. Then O is the centre of the circle that will pass through the three points 1, 2, 3.

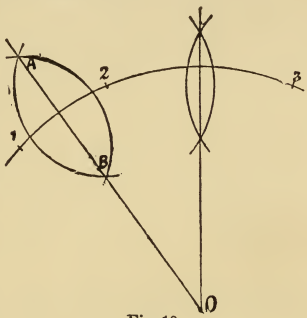


Fig. 10.

To draw an ellipse when the length and breadth are given.—Draw the two diameters at right angles and mark the length and breadth on each side equally from the centre O, Fig. 11. Then mark off the distance O D from B to E, and, with radius O E, describe the quadrant E F. Draw the line E F and add the half of it from E to G. On O as centre, with O G as radius, describe the circle

G H J I. Then I and G are the centres for the radius of the small ends, and H and J are the

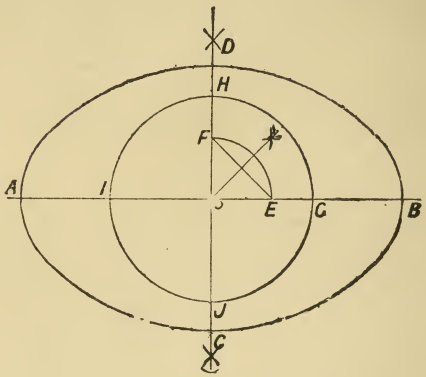


Fig. 11.

centres for the radius at C and at D.

To draw an ellipse when the length only is given.—Mark the centre lines and divide the given length A B into four equal parts, describing three circles as shown. On H and F as centres, with a radius that will just touch the first and third circles, describe the lateral arcs, and so complete the figure.

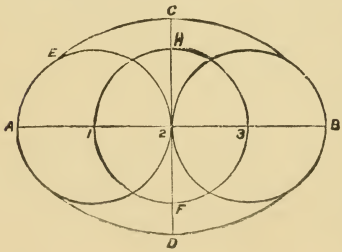


Fig. 12.

To draw an ellipse by means of a string.—Draw the centre lines at right angles and set off on

them the length A B, and breadth C D. With radius O A and centre D draw arcs cutting A B at H S, and fix pins at H S. Double a piece of string and tie it so that its length doubled will be equal to A H. Place the string round the pins; and, stretching it with a pencil or a drawpoint, draw the ellipse.

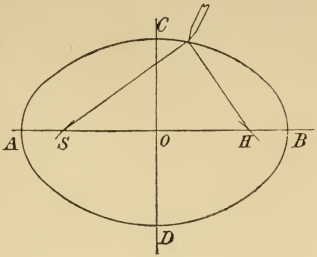


Fig. 13.

To find the side of a square having twice the area of a given square.—The diagonal A C of the given square A B C D, Fig. 14, equals the side of a square having twice the area.

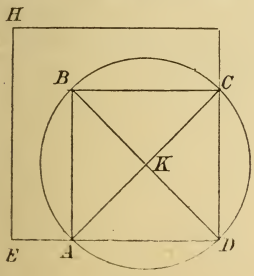


Fig. 14.

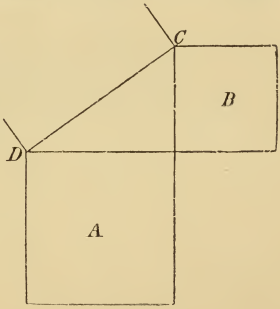


Fig. 15.

To draw a square half the area of a given square.—The side of the given square E H, Fig. 14, equals the diagonal of the required square A C. Bisect this diagonal at K. On K as centre, with K A as radius, draw the circle A B C D and join the ex-

tremities of the diagonals. The square thus produced will have half the area of the given square.

To draw a square equal in area to two given squares.—Draw the given squares A and B, Fig. 15, so that a side of one of them will be at right angles to a side of the other; and draw the line C D. Then C D is the side of a square equal in area to the sum of the areas of A and B.

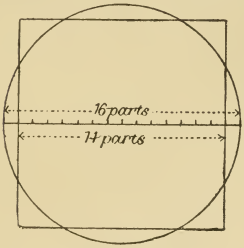


Fig 16.

To draw a square equal in area to a given circle.—Divide the diameter of the given circle, Fig. 16, into 16 equal parts; 14 of these are equal to the side of a square of equal area.

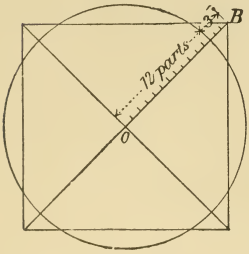


Fig 17.

To draw a circle equal in area to a given square.—Draw the diagonals of the given square, and divide the half of one of them, O B, into 15 equal parts. On O as a centre, take in 12 of those parts as a radius, and describe a circle. The area of the circle is equal to that of the square.

To draw a circle having half the area of a given circle.—Draw two diameters in the circle, Fig. 18, at right angles and join their two extremities A and B. Bisect A B at F, and draw the line E F

perpendicular to A B. Then E F is the radius of a circle of half the area of the given circle.

To draw a circle having twice the area of a given circle.—Draw the diameters of the smaller circle, Fig. 18, and produce them to A and B. Bisect A B at F and draw the tangent A B at right angles to E F, touching the circle at F. Then E B is the radius of a circle having twice the area of the given circle.

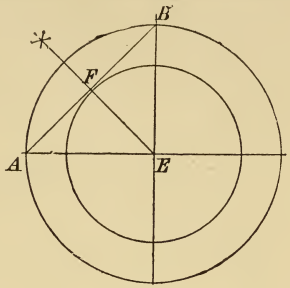


Fig. 18.

To divide a circle into any number of concentric circles having equal areas—Bisect the radius of the given circle O B at E. On E as centre, with E O as radius, describe the semicircle O A B. Divide O B into the required number of equal parts and draw perpendiculars to the semicircle. On O as a centre, with radii reaching to the intersections of the perpendiculars with the semicircle O A B, draw concentric circles. The annular spaces between the circles are of equal areas.

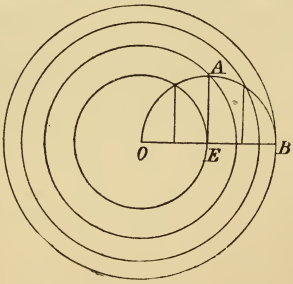


Fig. 19.

TEMPLATING.

To draw a curve when the chord A B *and the rise* C D *are given.*—Join C A and C B, divide C A and C B into any number of equal parts, and on the centre C draw arcs of circles through the points of division 2, 3, 4, 5. Divide A H and B H into the same number of equal parts as A C has been divided into; and through the points of division draw straight lines to C. Trace the curve A C B through the successive intersections of the straight lines with the arcs of circles.

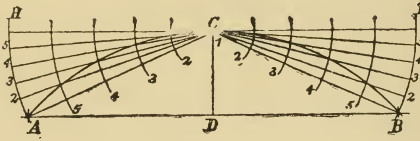


Fig. 20.

To mark out the plate for a bucket or any tapered article of sufficient taper to allow of the trammels being used—Draw the shape of the article — say, a bucket— and continue the lines that mark its sides, D F and B A, till they meet at O. On O as a centre, with radii O A and O B

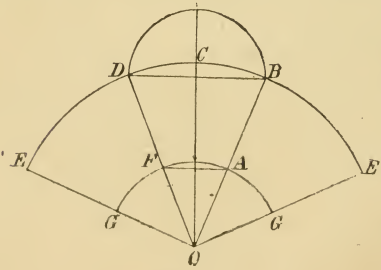


Fig. 21.

respectively, draw circles, representing the curve or contour of the open plate. On the centre C, on each side round the curve towards E E, measure off C E, C E, equal to half the circumference of the bucket, and draw the radii E O, E O. The figure E C E G G, bounded by the curve and the radii, is the form of the plate required to construct the sides of the bucket.

To mark out the contour of a plate for the tapered ring of a boiler without drawing the side lines to a point.—Lay out the form of the required cone A B C D, Fig. 22. If the ring is in one plate, mark a cone on each side of it, thus :—On the centres A and B, with a radius equal to the diagonal A D, describe arcs of circles at H H; and on centres C and D describe arcs at E E. Then, on A and B as centres, with A B as radius, describe arcs cutting the others at E E. Again, on C and D as centres, with C D as radius, describe arcs cutting the others at H H. Join the intersections with the central figure and the three four-sided figures will be similar, giving four points in the curve.

To find the rise at the centre at R, describe a circle about the middle of the height of the cone that will just touch the lines A C and R J; and from the centre O, with radius O A, describe an arc at R. Then the intersection R will be the rise.

If the rise is wanted at a point between R and B, bisect the distances X B and J D, and draw the bisecting line K L. Draw a circle just touching the lines K L and B D, and from the centre N, with

the distances N B as radius, describe an arc cutting the line K L in L; the point of intersection will be the rise there.

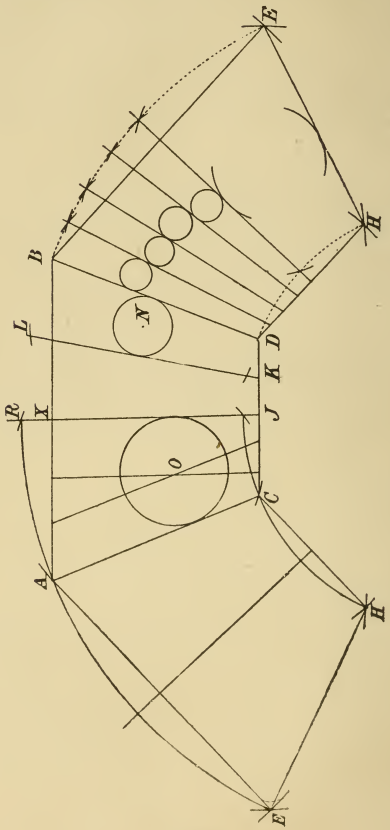


Fig. 22.

It will be seen that by dividing the cone, each

space will be a cone, and that the rise on each line can be found by getting the centre of the circle that touches the lines bounding each space. When the space is wide, as in finding the rise at R, and it is required to find the centre of a circle O, draw a line parallel to A C at a distance less than half A R. At the same distance draw a parallel to R J. The point of intersection will be the centre O. Draw the curve round a thin lath, or by hand if the points are close.

To develop the plate for an elbow in a pipe.—Mark out the shape of the required elbow and draw the line A B, Fig 23, through the joint. At any convenient distance below B draw D C at right angles to the axis of the pipe. Draw the semicircle E F G, and divide it into any number of equal parts, drawing the lines 1, 2, 3, 4, &c., through the points of division. Next, lay out the circumference of the pipe, Fig. 24, and at a distance from one edge equal to the distance A D in Fig. 23, draw the parallel D C in Fig 24. Divide D C into twice the number of equal parts that there are in the semicircle E F G, and draw the lines 2, 3, 4, &c., through the points of division parallel to the centre line A S. Now measure with the compasses the section of the line No. 8 in Fig. 23, comprised between the line D C and the joint line A B, and set it off from the line D C, Fig. 24, on the lines No. 8, one on each side of the centre line A S. Measure similarly for No. 7 line, and lay off the measurement on No. 7 lines, Fig 24, from the

line D C. Do the same for the other lines in

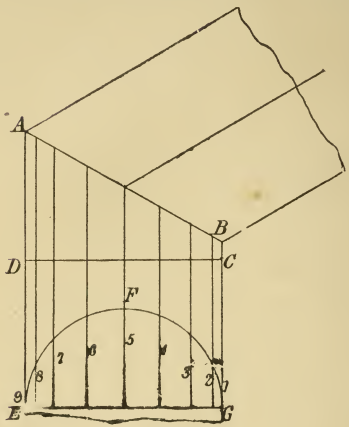


Fig. 23.

Fig. 23, and draw the curve through the ends of the lines set off.

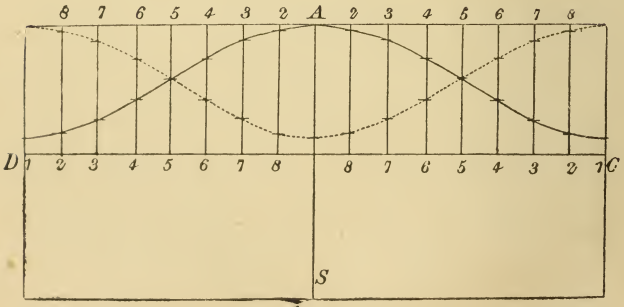


Fig. 24.

This shows the form of the curve when the seam along the side of the pipe is at A D E, Fig. 23.

The dotted line shows the form when the seam is at B G, and the figures 1, 2, 3, 4, &c., at the top of Fig. 24 correspond with those in Fig. 23.

The same lines mark the rake of a steamship funnel, the line A B being taken as the deck line. A multifold bend is drawn in the same way; and both edges of the plate are curved.

The same method is employed for the dome of a boiler, but the joint requires to be an arc of a circle of the radius of the boiler on which the dome is placed.

If the dome is elliptical, then, instead of the divided semicircle for a funnel or an elbow, an ellipse is required to be drawn and divided as before.

To develop the plate for a dome to be placed on a boiler at an angle to the axis of the boiler.—Draw the line A B, Fig. 23, representing the top of the boiler,

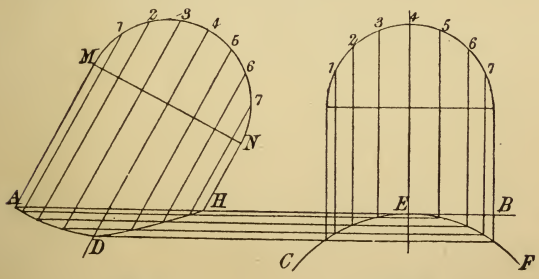


Fig. 25. Fig. 26.

and the arc of a circle C E F, Fig. 26, representing the cross section of the boiler. On the line A B draw the side elevation of the dome at the required

angle; and on the cross section draw the end elevation. Draw semicircles at the top of the dome, with a radius equal to that of the dome, and divide into any even number of equal parts, draw-

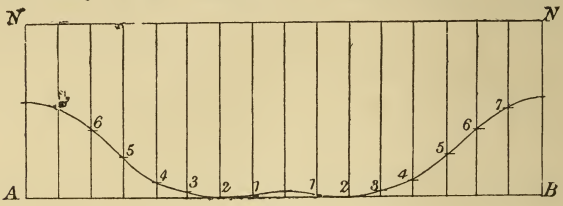


Fig. 27.

ing the lines 1, 2, 3, 4, &c., through the points of division parallel to the centre line of the dome. From the intersection of the lines 1, 2, 3, 4, &c., with the circle C E F on Fig. 26 draw lines parallel

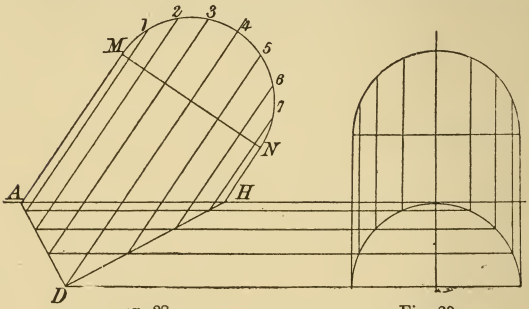


Fig. 28. Fig. 29.

to A B until they intersect with the lines 1, 2, 3, 4, &c., in Fig. 25, and draw the curve A D H through the intersections. Now, square out the plate A B, Fig. 27, for the circumference, and divide it into twice the number of equal parts that are in

one of the semicircles, Fig. 26, drawing the lines 1, 2, 3, 4, &c., through the points of division. Draw the line N N, Fig. 27, at a distance from A B equal to the length of the longest line in Fig. 25, between M N and A D H. (In this case it is No. 2 line.) If the seam is to be at N H, Fig. 25, set off the length N H on the ends N A, N B, of Fig. 27. Set off similarly the lengths of lines, 7, 6, 5, &c., between the line M N and the curve A D H on the corresponding divisions of the surface, Fig. 27; and trace the curve through the ends of the lines thus set off.

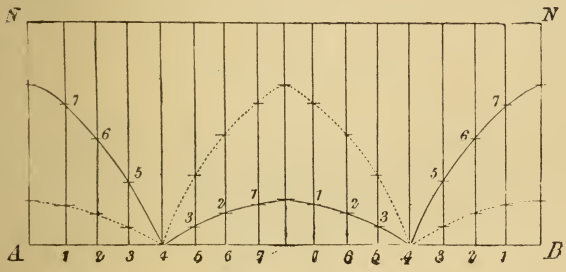


Fig. 30.

If the two cylinders be of equal diameter, as in Figs. 28, 29, the form of the curve is shown in Fig. 30, when the seam is at H N, in Fig. 28. The form follows the dotted line, Fig. 30, if the seam is at A M, Fig. 28. The drawing is the same in both cases, but, in consequence of the diameters being equal, A D H will consist of straight lines, in Fig. 28, instead of the curve, A D H, in Fig. 25. The

bottom row of figures in Fig. 30 shows where the dotted line was got from in Fig. 28.

To develop an oblong cone of which A B C D *is the side elevation and* P *the plan.*—Draw the elevation A B C D, and add sufficient from C to E and B to E to make E E equal to half the circumference of the

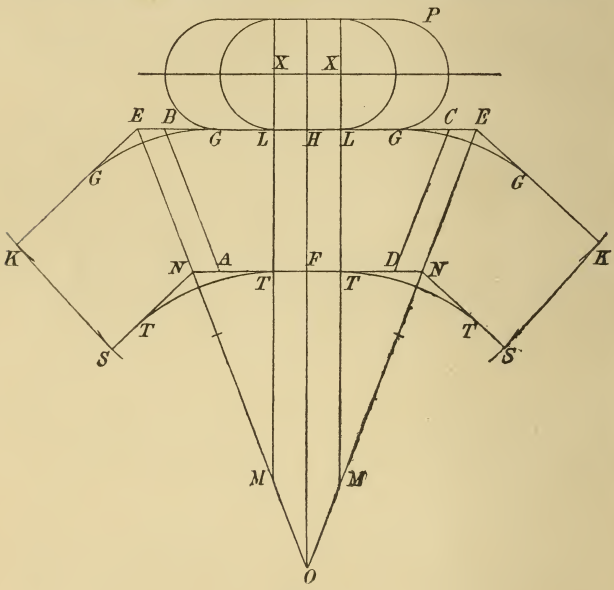


Fig. 31.

cone in plan. Draw E O, E O, parallel to the sides of the cone A B and C D. On O as centre, with O F and O H as radius, describe arcs of circles at K K and S S. On E E as centres, with E H as radius, describe arcs cutting the others at K K; and on

N N as centres, with N F as radius, describe arcs cutting the others at S S. Draw S N and K E, also K S. Then K S is the joint in the circumference in plan. Draw L M and L M parallel to the centre line O H, at a distance between L and L equal to the distance between the centres of the end radii X X in the plan P. On M and M as centres, with radius M T, draw the arcs T T. With the same radius, centred on the lines O E, draw the corners G G and G G. N E is the centre from which to roll the semicircles in the plan.

The flat sides can be rolled so that the plan will be an ellipse without altering anything but

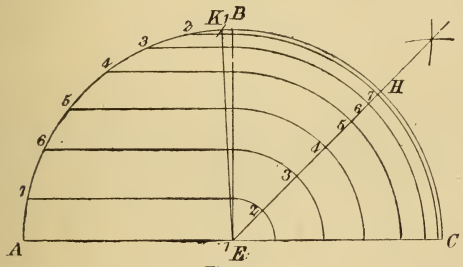


Fig. 32.

the extra length that would be required. The same drawing would make it with quarter-circle corners. But in that case there would be a flat place on the centre lines N E, equal to the breadth of flat between the corners.

To develop the plates of an egg-end.—Draw the semicircle A B C, Fig. 32, representing half of the end. Divide A B into any number of equal

parts and draw the lines 2, 3, 4, &c., parallel to the base A C. On E as a centre, with radii of the successive terminations of the parallel lines in the vertical E B, draw the quarter circles 2, 3, 4, &c., and bisect the angle B E C at H, and draw E H. Find the length of the quarter circle C B, and mark the half of it direct from H to K, and draw K E. If the end is to be in four plates, draw the straight line A B, Fig. 32, equal in length to a quarter of the circumference, and divide it into the same number of equal parts as A B in Fig. 31.

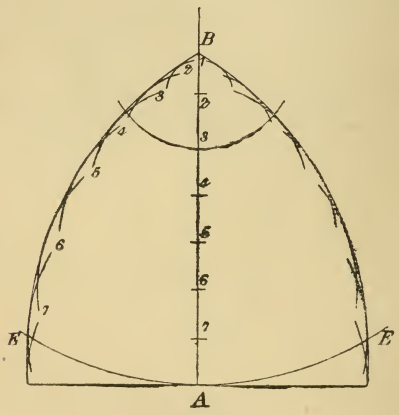


Fig. 33.

From the line E H, Fig. 32, measure the arcs of circles straight across to K, and transfer them to Fig. 33 from the points of division on A B, drawing the arcs of circles intersecting in 2, 3, 4, &c. Draw the curve of the side over the tops

of these arcs of circles. Measure a quarter of the circumference round the side from B to E and draw the curve E A E. The curves E E and E B, Fig. 33, are each equal to a quarter of the circumference; also the straight line A B.

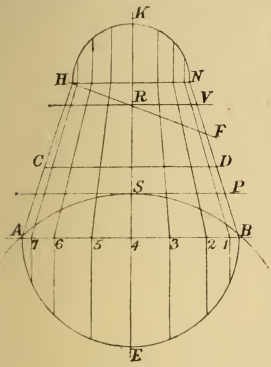


Fig. 34.

To develop a truncated cone to be placed on a cylinder.—Mark the shape of the cone, Fig. 34, and draw the plane of cut off H F, also the section of cylinder A S B. Draw the semicircles A E B and H K N and divide them into the same number of equal parts. Draw the lines 1, 2, 3, 4, &c., parallel to the centre line E K until they meet the diameters A B and H N, then join the extremities of these lines between A B and H N. Draw a line C D parallel to A B. Next, develop the circumference of the cone B A B and N H N, Fig. 35, and divide both edges into twice the number of equal parts that are in the semicircles, Fig. 34, and draw the lines 1, 2, 3, 4, &c. Draw the circular curve D C D at the distance B D in Fig. 34. If the seam is to be at B F in Fig. 34, measure No. 1 line, Fig. 34, between the line C D and the circle A S B, and set off the length from the arc D C D, Fig. 35, towards the lower development B A B on the line 1 at each side of the centre line A H.

Measure No. 2 line, Fig. 34, in the same way, and set it off correspondingly in Fig. 35. To lay out the other edge of the cone, N H N, measure No. 1 line, Fig. 34, between the line C D and the cut-off line H F, and set off its distance from the arc D C D, on the lines 1, 1, towards the upper edge of Fig. 35, in the same manner as for the lower side. Measure and set off the rest of the lines in the same way, and transfer them to Fig. 35, on the

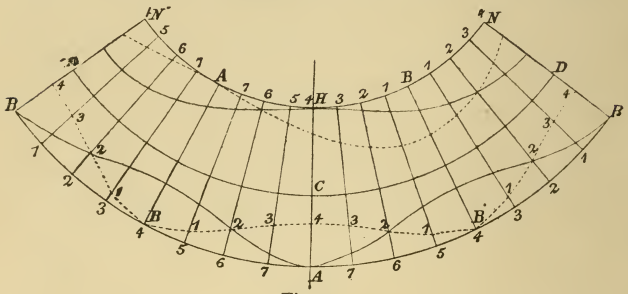


Fig. 35.

lines correspondingly numbered. Trace curves through the points thus found. When the seam is to be in the line S R, Fig. 34, the dotted lines, Fig. 35, show the form of the corresponding curves. The numbers on the top of Fig. 35 show where the measurements were taken from in Fig. 34. The numbers on the lower dotted curve show where they were taken from in Fig. 34.

From the fact of No. 4 line, Fig. 34, being foreshortened, so that the actual slant height is not shown, it is necessary to get the slant height, and keep the plate, Fig. 35, up to the length of No. 4

line, by adding to it sufficient on each curved edge, and running out to nothing at A H and F B in Fig. 34. The slant height may be got by drawing the parallels S P and R V, and measuring the length P V.

To develop the oblique tapered connection, A B C D, *between cylinders* E *and* F *in Fig.* 36.—Lay down E and F at the required distance from each other, and draw the lines A B, C D, forming the connection. Continue A B to H and C D to K. Join A K and H C, and draw the semicircles H J C and A K S. Divide each of them into the same number of equal parts, and through the points of division draw the lines 1, 2, 3, 4, &c., parallel to the centre line S J, till they meet the diameters A K and H C. Then join the extremities from A K to H C. Draw M N at right angles to the centre line S J. Now develop the circumference of the cone, Fig. 37, and draw the curve M N at the distance A M, equal to A M in Fig. 36, and divide the circumference into twice the number of equal parts that are in the semi-

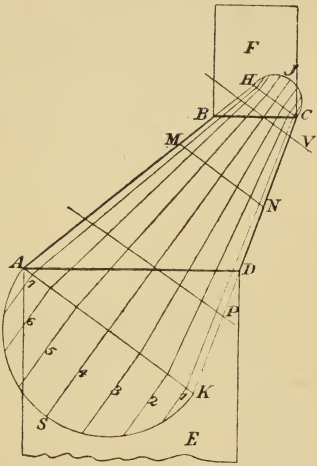


Fig. 36.

circle in Fig. 36, drawing the lines 1, 2, 3, 4, &c., through the points of division. If the seam is to be at C D, Fig. 36, measure No. 1 line from the line M N to where it meets A D, and from the curve M N, Fig. 37, mark the length found on No. 1 line on each side of the centre on the bottom edge. Measure No. 2 line, Fig. 36, in the same way, and

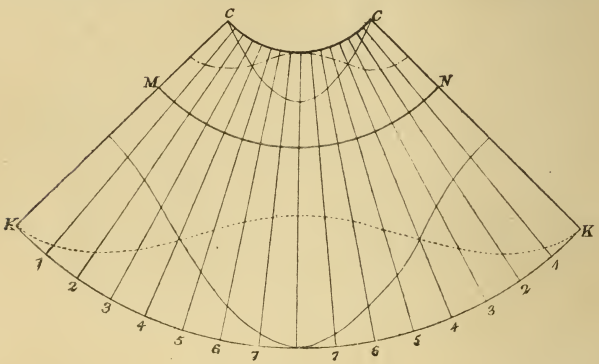


Fig. 37.

transfer the length to No. 2 line in Fig. 37. For the curve of the upper end, measure No. 1 line between M N and B C, and set off the distance on No. 1 line, Fig. 37, from the curve M N. Measure the rest in the same way, and trace the curve through the points. The dotted line shows the form of the curve when the seam is at A B, Fig. 36.

In this as in the previous construction, foreshortening is to be compensated for, and in the same way as was explained for the other—working from the parallels V and P in Fig. 36.

TABLE No. 1.

AREAS OF SMALL CIRCLES.

TABLE No. 1.—AREAS OF SMALL CIRCLES.

This table of the areas of small circles—such as the area of a rivet hole—along with the table of the decimal equivalents of the parts of an inch, page 358, will be found very useful in getting out percentages of the strength of riveted joints.

Diameter of Circle.	Area.	Diameter of Circle.	Area.	Diameter of Circle.	Area.
$\frac{1}{32}$	·0007	$\frac{7}{16}$	·1503	$\frac{27}{32}$	·5591
$\frac{1}{16}$	·0030	$\frac{15}{32}$	·1725	$\frac{7}{8}$	·6013
$\frac{3}{32}$	·0069	$\frac{1}{2}$	·1963	$\frac{29}{32}$	·6308
$\frac{1}{8}$	·0122	$\frac{17}{32}$	·2216	$\frac{15}{16}$	·6903
$\frac{5}{32}$	·0192	$\frac{9}{16}$	·2485	$\frac{31}{32}$	·7370
$\frac{3}{16}$	·0276	$\frac{19}{32}$	·2676	1	·7854
$\frac{7}{32}$	·0376	$\frac{5}{8}$	·3068	$1\frac{1}{32}$	·8352
$\frac{1}{4}$	·0409	$\frac{21}{32}$	·3385	$1\frac{1}{16}$	·8861
$\frac{9}{32}$	·0621	$\frac{11}{16}$	·3712	$1\frac{3}{32}$	·9395
$\frac{5}{16}$	·0767	$\frac{23}{32}$	·4057	$1\frac{1}{8}$	·9940
$\frac{11}{32}$	·0927	$\frac{3}{4}$	·4417	$1\frac{3}{16}$	1·1075
$\frac{3}{8}$	·1104	$\frac{25}{32}$	·4781	$1\frac{1}{4}$	1·2271
$\frac{13}{32}$	·1361	$\frac{13}{16}$	·5185	$1\frac{5}{16}$	1·3529

TABLE No. 2.

DIAMETERS, SQUARES, AND CIRCULAR AREAS.

TABLE No. 2.—DIAMETERS, SQUARES, AND CIRCULAR AREAS.

The values are expressed in decimals, and can be taken either as feet or as inches. The table will be found useful for finding the contents of tanks, or in making round tanks and square tanks of equal capacity.

Diameter of Circle.	Square.	Area.	Side of Square = to Circle.	Diameter of Circle.	Square.	Area.	Side of Square = to Circle.
1	1	·7854	·8862	37	1369	1075·21	32·789
2	4	3·1416	1·772	38	1444	1134·11	33·675
3	9	7·068	2·658	39	1521	1194·59	34·561
4	16	12·566	3·544	40	1600	1256·64	35·448
5	25	19·635	4·431	41	1681	1320·25	36·334
6	36	28·274	5·317	42	1764	1385·44	37·220
7	49	38·484	6·203	43	1849	1452·20	38·106
8	64	50·265	7·089	44	1936	1520·53	38·992
9	81	63·617	7·976	45	2025	1590·43	39·879
10	100	78·540	8·862	46	2116	1661·90	40·765
11	121	95·033	9·748	47	2209	1734·94	41·651
12	144	113·097	10·634	48	2304	1809·56	42·537
13	169	132·732	11·520	49	2401	1885·74	43·423
14	196	153·938	12·406	50	2500	1963·50	44·310
15	225	176·715	13·293	51	2601	2042·82	45·196
16	256	201·062	14·179	52	2704	2123·72	46·082
17	289	226·980	15·065	53	2809	2206·18	46·968
18	324	254·469	15·951	54	2916	2290·22	47·854
19	361	283·529	16·837	55	3025	2375·83	48·741
20	400	314·160	17·724	56	3136	2463·01	49·627
21	441	346·361	18·610	57	3249	2551·76	50·513
22	484	380·133	19·496	58	3364	2642·08	51·399
23	529	415·476	20·382	59	3481	2733·97	52·285
24	576	452·390	21·268	60	3600	2827·44	53·172
25	625	490·875	22·155	61	3721	2922·47	54·048
26	676	530·930	23·041	62	3844	3019·07	54·944
27	729	572·556	23·927	63	3969	3117·25	55·830
28	784	615·753	24·813	64	4096	3216·99	56·716
29	841	660·521	25·699	65	4225	3318·31	57·603
30	900	706·860	26·586	66	4356	3421·20	58·489
31	961	754·769	27·472	67	4489	3525·66	59·375
32	1024	804·249	28·358	68	4624	3631·68	60·261
33	1089	855·300	29·244	69	4761	3739·28	61·147
34	1156	907·922	30·130	70	4900	3848·46	62·034
35	1225	962·115	31·017	71	5041	3959·20	62·920
36	1296	1017·87	31·903	72	5184	4071·51	63·806

TABLE No. 3.

DIAMETERS AND CIRCUMFERENCES OF PLATE-IRON CYLINDERS,

FROM 1 INCH TO 13 FEET IN DIAMETER.

TABLE No. 3.—DIAMETERS AND CIRCUMFERENCES OF PLATE-IRON CYLINDERS, FROM 1 INCH TO 13 FEET IN DIAMETER.

RULE.—To the inside diameter add the thickness of the plate for the mean diameter; or, from the outside diameter subtract the thickness. Opposite the mean diameter in the Table will be found the required length or mean circumference, for a butt joint: that is, the length of plate required to form a cylinder of the given diameter.

For any diameter not in the Table the circumference can be found by multiplying the new diameter by 3·1416: the product is the circumference. Or, multiply the new diameter by $3\frac{1}{7}$, and subtract from the product $\frac{1}{64}$ inch for every foot in the diameter. The remainder will be the circumference. If there is an odd $\frac{1}{16}$ inch in the diameter, the circumference for which is wanted, add together the tabular circumferences of the two diameters that are nearest to it, and divide the sum by 2. The quotient is the circumference required.

The mean diameter corresponding to a given circumference is found by dividing the tabular circumference by 3·1416.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
0	1	0	$3\frac{1}{8}$	0	3	0	$9\frac{3}{8}$	0	5	1	$3\frac{5}{8}$-$\frac{1}{16}$
0	$1\frac{1}{8}$	0	$3\frac{1}{2}$	0	$3\frac{1}{8}$	0	$9\frac{3}{4}$-$\frac{1}{16}$	0	$5\frac{1}{8}$	1	$4\frac{1}{8}$
0	$1\frac{1}{4}$	0	$3\frac{7}{8}$	0	$3\frac{1}{4}$	0	$10\frac{1}{8}$-$\frac{1}{16}$	0	$5\frac{1}{4}$	1	$4\frac{1}{2}$
0	$1\frac{3}{8}$	0	$4\frac{1}{4}$	0	$3\frac{3}{8}$	0	$10\frac{5}{8}$	0	$5\frac{3}{8}$	1	$4\frac{7}{8}$
0	$1\frac{1}{2}$	0	$4\frac{5}{8}$-$\frac{1}{16}$	0	$3\frac{1}{2}$	0	11	0	$5\frac{1}{2}$	1	$5\frac{1}{4}$
0	$1\frac{5}{8}$	0	$5\frac{1}{16}$	0	$3\frac{5}{8}$	0	$11\frac{3}{8}$	0	$5\frac{5}{8}$	1	$5\frac{5}{8}$
0	$1\frac{3}{4}$	0	$5\frac{1}{2}$	0	$3\frac{3}{4}$	0	$11\frac{3}{4}$	0	$5\frac{3}{4}$	1	$6\frac{1}{16}$
0	$1\frac{7}{8}$	0	$5\frac{7}{8}$	0	$3\frac{7}{8}$	1	$0\frac{1}{8}$	0	$5\frac{7}{8}$	1	$6\frac{3}{8}$-$\frac{1}{16}$
0	2	0	$6\frac{1}{4}$	0	4	1	$0\frac{1}{2}$-$\frac{1}{16}$	0	6	1	$6\frac{7}{8}$
0	$2\frac{1}{8}$	0	$6\frac{5}{8}$	0	$4\frac{1}{8}$	1	$0\frac{7}{8}$-$\frac{1}{16}$	0	$6\frac{1}{8}$	1	$7\frac{1}{4}$
0	$2\frac{1}{4}$	0	7	0	$4\frac{1}{4}$	1	$1\frac{3}{8}$	0	$6\frac{1}{4}$	1	$7\frac{5}{8}$
0	$2\frac{3}{8}$	0	$7\frac{3}{8}$-$\frac{1}{16}$	0	$4\frac{3}{8}$	1	$1\frac{3}{4}$	0	$6\frac{3}{8}$	1	8
0	$2\frac{1}{2}$	0	$7\frac{7}{8}$	0	$4\frac{1}{2}$	1	$2\frac{1}{8}$	0	$6\frac{1}{2}$	1	$8\frac{3}{8}$
0	$2\frac{5}{8}$	0	$8\frac{1}{4}$	0	$4\frac{5}{8}$	1	$2\frac{1}{2}$	0	$6\frac{5}{8}$	1	$8\frac{3}{4}$-$\frac{1}{16}$
0	$2\frac{3}{4}$	0	$8\frac{5}{8}$	0	$4\frac{3}{4}$	1	$2\frac{7}{8}$	0	$6\frac{3}{4}$	1	$9\frac{1}{8}$-$\frac{1}{16}$
0	$2\frac{7}{8}$	0	9	0	$4\frac{7}{8}$	1	$3\frac{1}{4}$-$\frac{1}{16}$	0	$6\frac{7}{8}$	1	$9\frac{5}{8}$

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
0	7	1	10	0	$11\frac{3}{8}$	2	$11\frac{3}{4}$	1	$3\frac{3}{4}$	4	$1\frac{1}{2}$
0	$7\frac{1}{8}$	1	$10\frac{3}{8}$	0	$11\frac{1}{2}$	3	$0\frac{1}{16}$	1	$3\frac{7}{8}$	4	$1\frac{7}{8}$
0	$7\frac{1}{4}$	1	$10\frac{3}{4}$	0	$11\frac{5}{8}$	3	$0\frac{1}{2}$	1	4	4	$2\frac{1}{4}$
0	$7\frac{3}{8}$	1	$11\frac{1}{8}$	0	$11\frac{3}{4}$	3	$0\frac{7}{8}$	1	$4\frac{1}{8}$	4	$2\frac{5}{8}$
0	$7\frac{1}{2}$	1	$11\frac{1}{2}-\frac{1}{16}$	0	$11\frac{7}{8}$	3	$1\frac{1}{4}-\frac{1}{16}$	1	$4\frac{1}{4}$	4	$3\frac{1}{16}$
0	$7\frac{5}{8}$	1	$11\frac{7}{8}-\frac{1}{16}$	1	0	3	$1\frac{5}{8}-\frac{1}{16}$	1	$4\frac{3}{8}$	4	$3\frac{3}{8}-\frac{1}{16}$
0	$7\frac{3}{4}$	2	$0\frac{3}{8}$	1	$0\frac{1}{8}$	3	$2\frac{1}{16}$	1	$4\frac{1}{2}$	4	$3\frac{3}{4}-\frac{1}{16}$
0	$7\frac{7}{8}$	2	$0\frac{3}{4}$	1	$0\frac{1}{4}$	3	$2\frac{1}{2}$	1	$4\frac{5}{8}$	4	$4\frac{1}{4}$
0	8	2	$1\frac{1}{8}$	1	$0\frac{3}{8}$	3	$2\frac{7}{8}$	1	$4\frac{3}{4}$	4	$4\frac{5}{8}$
0	$8\frac{1}{8}$	2	$1\frac{1}{2}$	1	$0\frac{1}{2}$	3	$3\frac{1}{4}$	1	$4\frac{7}{8}$	4	5
0	$8\frac{1}{4}$	2	$1\frac{7}{8}$	1	$0\frac{5}{8}$	3	$3\frac{5}{8}$	1	5	4	$5\frac{3}{8}$
0	$8\frac{3}{8}$	2	$2\frac{1}{4}-\frac{1}{16}$	1	$0\frac{3}{4}$	3	$4\frac{1}{16}$	1	$5\frac{1}{8}$	4	$5\frac{3}{4}-\frac{1}{16}$
0	$8\frac{1}{2}$	2	$2\frac{5}{8}-\frac{1}{16}$	1	$0\frac{7}{8}$	3	$4\frac{3}{8}-\frac{1}{16}$	1	$5\frac{1}{4}$	4	$6\frac{1}{8}-\frac{1}{16}$
0	$8\frac{5}{8}$	2	$3\frac{1}{8}$	1	1	3	$4\frac{3}{4}-\frac{1}{16}$	1	$5\frac{3}{8}$	4	$6\frac{1}{2}-\frac{1}{16}$
0	$8\frac{3}{4}$	2	$3\frac{1}{2}$	1	$1\frac{1}{8}$	3	$5\frac{1}{4}$	1	$5\frac{1}{2}$	4	7
0	$8\frac{7}{8}$	2	$3\frac{7}{8}$	1	$1\frac{1}{4}$	3	$5\frac{5}{8}$	1	$5\frac{5}{8}$	4	$7\frac{3}{8}$
0	9	2	$4\frac{1}{4}$	1	$1\frac{3}{8}$	3	6	1	$5\frac{3}{4}$	4	$7\frac{3}{4}$
0	$9\frac{1}{8}$	2	$4\frac{3}{8}$	1	$1\frac{1}{2}$	3	$6\frac{3}{8}$	1	$5\frac{7}{8}$	4	$8\frac{1}{8}$
0	$9\frac{1}{4}$	2	$5\frac{1}{16}$	1	$1\frac{5}{8}$	3	$6\frac{3}{4}-\frac{1}{16}$	1	6	4	$8\frac{1}{2}$
0	$9\frac{3}{8}$	2	$5\frac{3}{8}-\frac{1}{16}$	1	$1\frac{3}{4}$	3	$7\frac{1}{8}-\frac{1}{16}$	1	$6\frac{1}{8}$	4	$8\frac{7}{8}-\frac{1}{16}$
0	$9\frac{1}{2}$	2	$5\frac{3}{4}-\frac{1}{16}$	1	$1\frac{7}{8}$	3	$7\frac{1}{2}-\frac{1}{16}$	1	$6\frac{1}{4}$	4	$9\frac{1}{4}-\frac{1}{16}$
0	$9\frac{5}{8}$	2	$6\frac{1}{4}$	1	2	3	8	1	$6\frac{3}{8}$	4	$9\frac{5}{8}-\frac{1}{16}$
0	$9\frac{3}{4}$	2	$6\frac{5}{8}$	1	$2\frac{1}{8}$	3	$8\frac{3}{8}$	1	$6\frac{1}{2}$	4	$10\frac{1}{8}$
0	$9\frac{7}{8}$	2	7	1	$2\frac{1}{4}$	3	$8\frac{3}{4}$	1	$6\frac{5}{8}$	4	$10\frac{1}{2}$
0	10	2	$7\frac{3}{8}$	1	$2\frac{3}{8}$	3	$9\frac{1}{8}$	1	$6\frac{3}{4}$	4	$10\frac{7}{8}$
0	$10\frac{1}{8}$	2	$7\frac{3}{4}-\frac{1}{16}$	1	$2\frac{1}{2}$	3	$9\frac{1}{2}-\frac{1}{16}$	1	$6\frac{7}{8}$	4	$11\frac{1}{4}$
0	$10\frac{1}{4}$	2	$8\frac{1}{8}-\frac{1}{16}$	1	$2\frac{5}{8}$	3	$9\frac{7}{8}-\frac{1}{16}$	1	7	4	$11\frac{5}{8}-\frac{1}{16}$
0	$10\frac{3}{8}$	2	$8\frac{5}{8}$	1	$2\frac{3}{4}$	3	$10\frac{1}{4}-\frac{1}{16}$	1	$7\frac{1}{8}$	5	$0\frac{1}{16}$
0	$10\frac{1}{2}$	2	9	1	$2\frac{7}{8}$	3	$10\frac{5}{8}-\frac{1}{16}$	1	$7\frac{1}{4}$	5	$0\frac{3}{8}-\frac{1}{16}$
0	$10\frac{5}{8}$	2	$9\frac{3}{8}$	1	3	3	$11\frac{1}{8}$	1	$7\frac{3}{8}$	5	$0\frac{3}{4}-\frac{1}{16}$
0	$10\frac{3}{4}$	2	$9\frac{3}{4}$	1	$3\frac{1}{8}$	3	$11\frac{1}{2}$	1	$7\frac{1}{2}$	5	$1\frac{1}{4}$
0	$10\frac{7}{8}$	2	$10\frac{1}{8}$	1	$3\frac{1}{4}$	3	$11\frac{7}{8}$	1	$7\frac{5}{8}$	5	$1\frac{5}{8}$
0	11	2	$10\frac{1}{2}-\frac{1}{16}$	1	$3\frac{3}{8}$	4	$0\frac{1}{4}$	1	$7\frac{3}{4}$	5	2
0	$11\frac{1}{8}$	2	$10\frac{7}{8}-\frac{1}{16}$	1	$3\frac{1}{2}$	4	$0\frac{5}{8}-\frac{1}{16}$	1	$7\frac{7}{8}$	5	$2\frac{3}{8}-\frac{1}{16}$
0	$11\frac{1}{4}$	2	$11\frac{3}{8}$	1	$3\frac{5}{8}$	4	$1\frac{1}{16}$	1	8	5	$2\frac{3}{4}-\frac{1}{16}$

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	$8\frac{1}{8}$	5	$3\frac{1}{8}-\frac{1}{16}$	2	$0\frac{1}{2}$	6	$4\frac{7}{8}-\frac{1}{16}$	2	$4\frac{7}{8}$	7	$6\frac{5}{8}-\frac{1}{16}$
1	$8\frac{1}{4}$	5	$3\frac{1}{2}-\frac{1}{16}$	2	$0\frac{5}{8}$	6	$5\frac{3}{8}$	2	5	7	$7\frac{1}{16}$
1	$8\frac{3}{8}$	5	4	2	$0\frac{3}{4}$	6	$5\frac{3}{4}$	2	$5\frac{1}{8}$	7	$7\frac{1}{2}$
1	$8\frac{1}{2}$	5	$4\frac{3}{8}$	2	$0\frac{7}{8}$	6	$6\frac{1}{8}$	2	$5\frac{1}{4}$	7	$7\frac{7}{8}$
1	$8\frac{5}{8}$	5	$4\frac{3}{4}$	2	1	6	$6\frac{1}{2}$	2	$5\frac{3}{8}$	7	$8\frac{1}{4}$
1	$8\frac{3}{4}$	5	$5\frac{1}{8}-\frac{1}{16}$	2	$1\frac{1}{8}$	6	$6\frac{7}{8}-\frac{1}{16}$	2	$5\frac{1}{2}$	7	$8\frac{5}{8}$
1	$8\frac{7}{8}$	5	$5\frac{1}{2}-\frac{1}{16}$	2	$1\frac{1}{4}$	6	$7\frac{1}{4}-\frac{1}{16}$	2	$5\frac{5}{8}$	7	$9\frac{1}{16}$
1	9	5	6	2	$1\frac{3}{8}$	6	$7\frac{3}{4}$	2	$5\frac{3}{4}$	7	$9\frac{3}{8}-\frac{1}{16}$
1	$9\frac{1}{8}$	5	$6\frac{3}{8}$	2	$1\frac{1}{2}$	6	$8\frac{1}{8}$	2	$5\frac{7}{8}$	7	$9\frac{7}{8}$
1	$9\frac{1}{4}$	5	$6\frac{3}{4}$	2	$1\frac{5}{8}$	6	$8\frac{1}{2}$	2	6	7	$10\frac{1}{4}$
1	$9\frac{3}{8}$	5	$7\frac{1}{8}$	2	$1\frac{3}{4}$	6	$8\frac{7}{8}$	2	$6\frac{1}{8}$	7	$10\frac{5}{8}$
1	$9\frac{1}{2}$	5	$7\frac{1}{2}$	2	$1\frac{7}{8}$	6	$9\frac{1}{4}$	2	$6\frac{1}{4}$	7	11
1	$9\frac{5}{8}$	5	$7\frac{7}{8}$	2	2	6	$9\frac{5}{8}-\frac{1}{16}$	2	$6\frac{3}{8}$	7	$11\frac{3}{8}$
1	$9\frac{3}{4}$	5	$8\frac{1}{4}-\frac{1}{16}$	2	$2\frac{1}{8}$	6	$10\frac{1}{16}$	2	$6\frac{1}{2}$	7	$11\frac{3}{4}-\frac{1}{16}$
1	$9\frac{7}{8}$	5	$8\frac{3}{8}-\frac{1}{16}$	2	$2\frac{1}{4}$	6	$10\frac{3}{8}-\frac{1}{16}$	2	$6\frac{5}{8}$	8	$0\frac{1}{8}-\frac{1}{16}$
1	10	5	$9\frac{1}{8}$	2	$2\frac{3}{8}$	6	$10\frac{7}{8}$	2	$6\frac{3}{4}$	8	$0\frac{5}{8}$
1	$10\frac{1}{8}$	5	$9\frac{1}{2}$	2	$2\frac{1}{2}$	6	$11\frac{1}{4}$	2	$6\frac{7}{8}$	8	1
1	$10\frac{1}{4}$	5	$9\frac{7}{8}$	2	$2\frac{5}{8}$	6	$11\frac{5}{8}$	2	7	8	$1\frac{3}{8}$
1	$10\frac{3}{8}$	5	$10\frac{1}{4}$	2	$2\frac{3}{4}$	7	0	2	$7\frac{1}{8}$	8	$1\frac{3}{4}-\frac{1}{16}$
1	$10\frac{1}{2}$	5	$10\frac{5}{8}$	2	$2\frac{7}{8}$	7	$0\frac{3}{8}-\frac{1}{16}$	2	$7\frac{1}{4}$	8	$2\frac{1}{8}-\frac{1}{16}$
1	$10\frac{5}{8}$	5	$11\frac{1}{16}$	2	3	7	$0\frac{3}{4}-\frac{1}{16}$	2	$7\frac{3}{8}$	8	$2\frac{1}{2}-\frac{1}{16}$
1	$10\frac{3}{4}$	5	$11\frac{3}{8}-\frac{1}{16}$	2	$3\frac{1}{8}$	7	$1\frac{1}{8}-\frac{1}{16}$	2	$7\frac{1}{2}$	8	3
1	$10\frac{7}{8}$	5	$11\frac{7}{8}$	2	$3\frac{1}{4}$	7	$1\frac{5}{8}$	2	$7\frac{5}{8}$	8	$3\frac{3}{8}$
1	11	6	$0\frac{1}{4}$	2	$3\frac{3}{8}$	7	2	2	$7\frac{3}{4}$	8	$3\frac{3}{4}$
1	$11\frac{1}{8}$	6	$0\frac{5}{8}$	2	$3\frac{1}{2}$	7	$2\frac{3}{8}$	2	$7\frac{7}{8}$	8	$4\frac{1}{8}$
1	$11\frac{1}{4}$	6	1	2	$3\frac{5}{8}$	7	$2\frac{3}{4}$	2	8	8	$4\frac{1}{2}$
1	$11\frac{3}{8}$	6	$1\frac{3}{8}$	2	$3\frac{3}{4}$	7	$3\frac{1}{8}$	2	$8\frac{1}{8}$	8	$4\frac{7}{8}$
1	$11\frac{1}{2}$	6	$1\frac{3}{4}-\frac{1}{16}$	2	$3\frac{7}{8}$	7	$3\frac{1}{2}-\frac{1}{16}$	2	$8\frac{1}{4}$	8	$5\frac{1}{4}-\frac{1}{16}$
1	$11\frac{5}{8}$	6	$2\frac{1}{8}-\frac{1}{16}$	2	4	7	$3\frac{7}{8}-\frac{1}{16}$	2	$8\frac{3}{8}$	8	$5\frac{5}{8}-\frac{1}{16}$
1	$11\frac{3}{4}$	6	$2\frac{5}{8}$	2	$4\frac{1}{8}$	7	$4\frac{3}{8}$	2	$8\frac{1}{2}$	8	$6\frac{1}{16}$
1	$11\frac{7}{8}$	6	3	2	$4\frac{1}{4}$	7	$4\frac{3}{4}$	2	$8\frac{5}{8}$	8	$6\frac{1}{2}$
2	0	6	$3\frac{3}{8}$	2	$4\frac{3}{8}$	7	$5\frac{1}{8}$	2	$8\frac{3}{4}$	8	$6\frac{7}{8}$
2	$0\frac{1}{8}$	6	$3\frac{3}{4}$	2	$4\frac{1}{2}$	7	$5\frac{1}{2}$	2	$8\frac{7}{8}$	8	$7\frac{1}{4}-\frac{1}{16}$
2	$0\frac{1}{4}$	6	$4\frac{1}{8}$	2	$4\frac{5}{8}$	7	$5\frac{7}{8}$	2	9	8	$7\frac{3}{8}-\frac{1}{16}$
2	$0\frac{3}{8}$	6	$4\frac{1}{2}-\frac{1}{16}$	2	$4\frac{3}{4}$	7	$6\frac{1}{4}-\frac{1}{16}$	2	$9\frac{1}{8}$	8	$8\frac{1}{16}$

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
2	9¼	8	8½	3	1⅝	9	10⅛-1/16	3	6	10	11⅞-1/16
2	9⅜	8	8⅞	3	1¾	9	10½-1/16	3	6⅛	11	0¼-1/16
2	9½	8	9¼	3	1⅞	9	11	3	6¼	11	0¾
2	9⅝	8	9⅝	3	2	9	11⅜	3	6⅜	11	1⅛
2	9¾	8	10	3	2⅛	9	11¾-1/16	3	6½	11	1½
2	9⅞	8	10⅜	3	2¼	10	0⅛-1/16	3	6⅝	11	1⅞
2	10	8	10¾-1/16	3	2⅜	10	0½-1/16	3	6¾	11	2¼-1/16
2	10⅛	8	11⅛-1/16	3	2½	10	1	3	6⅞	11	2⅝-1/16
2	10¼	8	11⅝	3	2⅝	10	1⅜	3	7	11	3 1/16
2	10⅜	9	0	3	2¾	10	1¾	3	7⅛	11	3½
2	10½	9	0⅜	3	2⅞	10	2⅛	3	7¼	11	3⅞
2	10⅝	9	0¾-1/16	3	3	10	2½	3	7⅜	11	4¼-1/16
2	10¾	9	1⅛-1/16	3	3⅛	10	2⅞	3	7½	11	4⅝-1/16
2	10⅞	9	1⅝	3	3¼	10	3¼-1/16	3	7⅝	11	5 1/16
2	11	9	2	3	3⅜	10	3⅝-1/16	3	7¾	11	5⅜-1/16
2	11⅛	9	2⅜	3	3½	10	4⅛	3	7⅞	11	5⅞
2	11¼	9	2¾	3	3⅝	10	4½	3	8	11	6¼
2	11⅜	9	3⅛	3	3¾	10	4⅞	3	8⅛	11	6⅝
2	11½	9	3½	3	3⅞	10	5¼	3	8¼	11	7
2	11⅝	9	3⅞	3	4	10	5⅝-1/16	3	8⅜	11	7⅜
2	11¾	9	4¼-1/16	3	4⅛	10	6 1/16	3	8½	11	7¾-1/16
2	11⅞	9	4⅝-1/16	3	4¼	10	6⅜-1/16	3	8⅝	11	8⅛-1/16
3	0	9	5⅛	3	4⅜	10	6¾-1/16	3	8¾	11	8½-1/16
3	0⅛	9	5½	3	4½	10	7¼	3	8⅞	11	9
3	0¼	9	5⅞	3	4⅝	10	7⅝	3	9	11	9⅜
3	0⅜	9	6¼	3	4¾	10	8	3	9⅛	11	9¾
3	0½	9	6⅝-1/16	3	4⅞	10	8⅜	3	9¼	11	10⅛-1/16
3	0⅝	9	7 1/16	3	5	10	8¾-1/16	3	9⅜	11	10½-1/16
3	0¾	9	7⅜-1/16	3	5⅛	10	9⅛-1/16	3	9½	11	10⅞-1/16
3	0⅞	9	7⅞	3	5¼	10	9⅝	3	9⅝	11	11¼-1/16
3	1	9	8¼	3	5⅜	10	10	3	9¾	11	11¾
3	1⅛	9	8⅝	3	5½	10	10⅜	3	9⅞	12	0⅛
3	1¼	9	9	3	5⅝	10	10¾	3	10	12	0½
3	1⅜	9	9⅜	3	5¾	10	11⅛-1/16	3	10⅛	12	0⅞
3	1½	9	9¾-1/16	3	5⅞	10	11½-1/16	3	10¼	12	1¼-1/16

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	$10\frac{3}{8}$	12	$1\frac{5}{8}-\frac{1}{16}$	4	$2\frac{3}{4}$	13	$3\frac{3}{8}-\frac{1}{16}$	4	$7\frac{1}{8}$	14	$5\frac{1}{8}-\frac{1}{16}$
3	$10\frac{1}{2}$	12	$2\frac{1}{16}$	4	$2\frac{7}{8}$	13	$3\frac{3}{4}-\frac{1}{16}$	4	$7\frac{1}{4}$	14	$5\frac{1}{2}-\frac{1}{16}$
3	$10\frac{5}{8}$	12	$2\frac{1}{2}$	4	3	13	$4\frac{1}{4}$	4	$7\frac{3}{8}$	14	6
3	$10\frac{3}{4}$	12	$2\frac{7}{8}$	4	$3\frac{1}{8}$	13	$4\frac{5}{8}$	4	$7\frac{1}{2}$	14	$6\frac{3}{8}$
3	$10\frac{7}{8}$	12	$3\frac{1}{4}$	4	$3\frac{1}{4}$	13	5	4	$7\frac{5}{8}$	14	$6\frac{3}{4}$
3	11	12	$3\frac{5}{8}$	4	$3\frac{3}{8}$	13	$5\frac{3}{8}$	4	$7\frac{3}{4}$	14	$7\frac{1}{8}$
3	$11\frac{1}{8}$	12	$4\frac{1}{16}$	4	$3\frac{1}{2}$	13	$5\frac{3}{4}-\frac{1}{16}$	4	$7\frac{7}{8}$	14	$7\frac{1}{2}$
3	$11\frac{1}{4}$	12	$4\frac{3}{8}-\frac{1}{16}$	4	$3\frac{5}{8}$	13	$6\frac{1}{8}-\frac{1}{16}$	4	8	14	$7\frac{7}{8}$
3	$11\frac{3}{8}$	12	$4\frac{3}{4}-\frac{1}{16}$	4	$3\frac{3}{4}$	13	$6\frac{1}{2}-\frac{1}{16}$	4	$8\frac{1}{8}$	14	$8\frac{1}{4}-\frac{1}{16}$
3	$11\frac{1}{2}$	12	$5\frac{1}{8}-\frac{1}{16}$	4	$3\frac{7}{8}$	13	7	4	$8\frac{1}{4}$	14	$8\frac{5}{8}-\frac{1}{16}$
3	$11\frac{5}{8}$	12	$5\frac{5}{8}$	4	4	13	$7\frac{3}{8}$	4	$8\frac{3}{8}$	14	$9\frac{1}{8}$
3	$11\frac{3}{4}$	12	6	4	$4\frac{1}{8}$	13	$7\frac{3}{4}$	4	$8\frac{1}{2}$	14	$9\frac{1}{2}$
3	$11\frac{7}{8}$	12	$6\frac{3}{8}$	4	$4\frac{1}{4}$	13	$8\frac{1}{8}$	4	$8\frac{5}{8}$	14	$9\frac{7}{8}$
4	0	12	$6\frac{3}{4}-\frac{1}{16}$	4	$4\frac{3}{8}$	13	$8\frac{1}{2}$	4	$8\frac{3}{4}$	14	$10\frac{1}{4}$
4	$0\frac{1}{8}$	12	$7\frac{1}{8}-\frac{1}{16}$	4	$4\frac{1}{2}$	13	$8\frac{7}{8}$	4	$8\frac{7}{8}$	14	$10\frac{5}{8}-\frac{1}{16}$
4	$0\frac{1}{4}$	12	$7\frac{1}{2}-\frac{1}{16}$	4	$4\frac{5}{8}$	13	$9\frac{1}{4}-\frac{1}{16}$	4	9	14	$11\frac{1}{16}$
4	$0\frac{3}{8}$	12	8	4	$4\frac{3}{4}$	13	$9\frac{5}{8}-\frac{1}{16}$	4	$9\frac{1}{8}$	14	$11\frac{3}{8}-\frac{1}{16}$
4	$0\frac{1}{2}$	12	$8\frac{3}{8}$	4	$4\frac{7}{8}$	13	$10\frac{1}{16}$	4	$9\frac{1}{4}$	14	$11\frac{7}{8}$
4	$0\frac{5}{8}$	12	$8\frac{3}{4}$	4	5	13	$10\frac{1}{2}$	4	$9\frac{3}{8}$	15	$0\frac{1}{4}$
4	$0\frac{3}{4}$	12	$9\frac{1}{8}-\frac{1}{16}$	4	$5\frac{1}{8}$	13	$10\frac{7}{8}$	4	$9\frac{1}{2}$	15	$0\frac{5}{8}$
4	$0\frac{7}{8}$	12	$9\frac{1}{2}-\frac{1}{16}$	4	$5\frac{1}{4}$	13	$11\frac{1}{4}-\frac{1}{16}$	4	$9\frac{5}{8}$	15	1
4	1	12	$9\frac{7}{8}-\frac{1}{16}$	4	$5\frac{3}{8}$	13	$11\frac{5}{8}-\frac{1}{16}$	4	$9\frac{3}{4}$	15	$1\frac{3}{8}$
4	$1\frac{1}{8}$	12	$10\frac{1}{4}-\frac{1}{16}$	4	$5\frac{1}{2}$	14	$0\frac{1}{16}$	4	$9\frac{7}{8}$	15	$1\frac{3}{4}-\frac{1}{16}$
4	$1\frac{1}{4}$	12	$10\frac{3}{4}$	4	$5\frac{5}{8}$	14	$0\frac{1}{2}$	4	10	15	$2\frac{1}{8}-\frac{1}{16}$
4	$1\frac{3}{8}$	12	$11\frac{1}{8}$	4	$5\frac{3}{4}$	14	$0\frac{7}{8}$	4	$10\frac{1}{8}$	15	$2\frac{1}{2}-\frac{1}{16}$
4	$1\frac{1}{2}$	12	$11\frac{1}{2}$	4	$5\frac{7}{8}$	14	$1\frac{1}{4}$	4	$10\frac{1}{4}$	15	3
4	$1\frac{5}{8}$	12	$11\frac{7}{8}$	4	6	14	$1\frac{5}{8}$	4	$10\frac{3}{8}$	15	$3\frac{3}{8}$
4	$1\frac{3}{4}$	13	$0\frac{1}{4}-\frac{1}{16}$	4	$6\frac{1}{8}$	14	2	4	$10\frac{1}{2}$	15	$3\frac{3}{4}-\frac{1}{16}$
4	$1\frac{7}{8}$	13	$0\frac{5}{8}-\frac{1}{16}$	4	$6\frac{1}{4}$	14	$2\frac{3}{8}$	4	$10\frac{5}{8}$	15	$4\frac{1}{8}-\frac{1}{16}$
4	2	13	$1\frac{1}{16}$	4	$6\frac{3}{8}$	14	$2\frac{3}{4}-\frac{1}{16}$	4	$10\frac{3}{4}$	15	$4\frac{1}{2}-\frac{1}{16}$
4	$2\frac{1}{8}$	13	$1\frac{1}{2}$	4	$6\frac{1}{2}$	14	$3\frac{1}{8}-\frac{1}{16}$	4	$10\frac{7}{8}$	15	5
4	$2\frac{1}{4}$	13	$1\frac{7}{8}$	4	$6\frac{5}{8}$	14	$3\frac{1}{2}-\frac{1}{16}$	4	11	15	$5\frac{3}{8}$
4	$2\frac{3}{8}$	13	$2\frac{1}{4}$	4	$6\frac{3}{4}$	14	4	4	$11\frac{1}{8}$	15	$5\frac{3}{4}$
4	$2\frac{1}{2}$	13	$2\frac{5}{8}$	4	$6\frac{7}{8}$	14	$4\frac{3}{8}$	4	$11\frac{1}{4}$	15	$6\frac{1}{8}$
4	$2\frac{5}{8}$	13	$3\frac{1}{16}$	4	7	14	$4\frac{3}{4}-\frac{1}{16}$	4	$11\frac{3}{8}$	15	$6\frac{1}{2}$

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
4	11½	15	6⅞	5	3⅞	16	8⅝-1/16	5	8¼	17	10⅜
4	11⅝	15	7¼-1/16	5	4	16	9⅛	5	8⅜	17	10¾-1/16
4	11¾	15	7⅜-1/16	5	4⅛	16	9½	5	8½	17	11⅛-1/16
4	11⅞	15	8⅛	5	4¼	16	9⅞	5	8⅝	17	11½-1/16
5	0	15	8½	5	4⅜	16	10¼	5	8¾	18	0
5	0⅛	15	8⅞	5	4½	16	10⅜	5	8⅞	18	0⅜
5	0¼	15	9¼-1/16	5	4⅝	16	11	5	9	18	0¾-1/16
5	0⅜	15	9⅝-1/16	5	4¾	16	11⅜	5	9⅛	18	1⅛-1/16
5	0½	15	10 1/16	5	4⅞	16	11¾-1/16	5	9¼	18	1½-1/16
5	0⅝	15	10½	5	5	17	0⅛-1/16	5	9⅜	18	1⅞-1/16
5	0¾	15	10⅞	5	5⅛	17	0½-1/16	5	9½	18	2⅜
5	0⅞	15	11¼	5	5¼	17	1	5	9⅝	18	2¾
5	1	15	11⅝	5	5⅜	17	1⅜	5	9¾	18	3⅛
5	1⅛	16	0	5	5½	17	1¾-1/16	5	9⅞	18	3½
5	1¼	16	0⅜	5	5⅝	17	2⅛-1/16	5	10	18	3⅞
5	1⅜	16	0¾-1/16	5	5¾	17	2½ 1/16	5	10⅛	18	4¼-1/16
5	1½	16	1⅛-1/16	5	5⅞	17	3	5	10¼	18	4⅜-1/16
5	1⅝	16	1⅝	5	6	17	3⅜	5	10⅜	18	5⅛
5	1¾	16	2	5	6⅛	17	3¾	5	10½	18	5½
5	1⅞	16	2⅜	5	6¼	17	4⅛	5	10⅝	18	5⅞
5	2	16	2¾-1/16	5	6⅜	17	4½	5	10¾	18	6¼-1/16
5	2⅛	16	3⅛-1/16	5	6½	17	4⅞	5	10⅞	18	6⅝-1/16
5	2¼	16	3½-1/16	5	6⅝	17	5¼	5	11	18	7 1/16
5	2⅜	16	4	5	6¾	17	5⅝-1/16	5	11⅛	18	7⅜-1/16
5	2½	16	4⅜	5	6⅞	17	6⅛	5	11¼	18	7⅞
5	2⅝	16	4¾	5	7	17	6½	5	11⅜	18	8¼
5	2¾	16	5⅛	5	7⅛	17	6⅞	5	11½	18	8⅝
5	2⅞	16	5½	5	7¼	17	7¼	5	11⅝	18	9
5	3	16	5⅞	5	7⅜	17	7⅝-1/16	5	11¾	18	9⅜
5	3⅛	16	6¼-1/16	5	7½	17	8⅛	5	11⅞	18	9¾-1/16
5	3¼	16	6⅝-1/16	5	7⅝	17	8½	6	0	18	10⅛-1/16
5	3⅜	16	7⅛	5	7¾	17	8⅞	6	0⅛	18	10½-1/16
5	3½	16	7½	5	7⅞	17	9¼	6	0¼	18	11
5	3⅝	16	7⅞	5	8	17	9⅝	6	0⅜	18	11⅜
5	3¾	16	8¼-1/16	5	8⅛	17	10	6	0½	18	11¾

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
6	0 5/8	19	0 1/8	6	5	20	1 7/8	6	9 3/8	21	3 5/8
6	0 3/4	19	0 1/2-1/16	6	5 1/8	20	2 1/4-1/16	6	9 1/2	21	4 1/16
6	0 7/8	19	0 7/8-1/16	6	5 1/4	20	2 5/8-1/16	6	9 5/8	21	4 3/8-1/16
6	1	19	1 1/4-1/16	6	5 3/8	20	3 1/8	6	9 3/4	21	4 3/4-1/16
6	1 1/8	19	1 3/4	6	5 1/2	20	3 1/2	6	9 7/8	21	5 1/8-1/16
6	1 1/4	19	2 1/8	6	5 5/8	20	3 7/8	6	10	21	5 5/8
6	1 3/8	19	2 1/2	6	5 3/4	20	4 1/4	6	10 1/8	21	6
6	1 1/2	19	2 7/8	6	5 7/8	20	4 5/8-1/16	6	10 1/4	21	6 3/8
6	1 5/8	19	3 1/4-1/16	6	6	20	5 1/16	6	10 3/8	21	6 3/4-1/16
6	1 3/4	19	3 5/8-1/16	6	6 1/8	20	5 3/8-1/16	6	10 1/2	21	7 1/8-1/16
6	1 7/8	19	4 1/8	6	6 1/4	20	5 3/4-1/16	6	10 5/8	21	7 1/2-1/16
6	2	19	4 1/2	6	6 3/8	20	6 1/4	6	10 3/4	21	8
6	2 1/8	19	4 7/8	6	6 1/2	20	6 5/8	6	10 7/8	21	8 3/8
6	2 1/4	19	5 1/4-1/16	6	6 5/8	20	7	6	11	21	8 3/4
6	2 3/8	19	5 5/8-1/16	6	6 3/4	20	7 3/8	6	11 1/8	21	9 1/8
6	2 1/2	19	6 1/16	6	6 7/8	20	7 3/4-1/16	6	11 1/4	21	9 1/2-1/16
6	2 5/8	19	6 3/8-1/16	6	7	20	8 1/8-1/16	6	11 3/8	21	9 7/8-1/16
6	2 3/4	19	6 3/4-1/16	6	7 1/8	20	8 1/2-1/16	6	11 1/2	21	10 1/4-1/16
6	2 7/8	19	7 1/8-1/16	6	7 1/4	20	9	6	11 5/8	21	10 5/8-1/16
6	3	19	7 1/2-1/16	6	7 3/8	20	9 3/8	6	11 3/4	21	11 1/8
6	3 1/8	19	8	6	7 1/2	20	9 3/4	6	11 7/8	21	11 1/2
6	3 1/4	19	8 3/8	6	7 5/8	20	10 1/8	7	0	21	11 7/8
6	3 3/8	19	8 3/4-1/16	6	7 3/4	20	10 1/2	7	0 1/8	22	0 1/4-1/16
6	3 1/2	19	9 1/8-1/16	6	7 7/8	20	10 7/8	7	0 1/4	22	0 5/8-1/16
6	3 5/8	19	9 1/2-1/16	6	8	20	11 1/4-1/16	7	0 3/8	22	1 1/8
6	3 3/4	19	10	6	8 1/8	20	11 5/8-1/16	7	0 1/2	22	1 1/2
6	3 7/8	19	10 3/8	6	8 1/4	21	0 1/8	7	0 5/8	22	1 7/8
6	4	19	10 3/4-1/16	6	8 3/8	21	0 1/2	7	0 3/4	22	2 1/4
6	4 1/8	19	11 1/8-1/16	6	8 1/2	21	0 7/8	7	0 7/8	22	2 5/8
6	4 1/4	19	11 1/2-1/16	6	8 5/8	21	1 1/4-1/16	7	1	22	3
6	4 3/8	19	11 7/8-1/16	6	8 3/4	21	1 5/8-1/16	7	1 1/8	22	3 3/8
6	4 1/2	20	0 1/4-1/16	6	8 7/8	21	2 1/8	7	1 1/4	22	3 3/4-1/16
6	4 5/8	20	0 5/8-1/16	6	9	21	2 1/2	7	1 3/8	22	4 1/8-1/16
6	4 3/4	20	1 1/8	6	9 1/8	21	2 7/8	7	1 1/2	22	4 1/2-1/16
6	4 7/8	20	1 1/2	6	9 1/4	21	3 1/4	7	1 5/8	22	5

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In	Ft.	In.	Ft.	In.
7	$1\frac{3}{4}$	22	$5\frac{3}{8}$	7	$6\frac{1}{8}$	23	$7\frac{1}{8}$	7	$10\frac{1}{2}$	24	$8\frac{7}{8}$
7	$1\frac{7}{8}$	22	$5\frac{3}{4}-\frac{1}{16}$	7	$6\frac{1}{4}$	23	$7\frac{1}{2}$	7	$10\frac{5}{8}$	24	$9\frac{1}{4}-\frac{1}{16}$
7	2	22	$6\frac{1}{8}-\frac{1}{16}$	7	$6\frac{3}{8}$	23	$7\frac{7}{8}$	7	$10\frac{3}{4}$	24	$9\frac{5}{8}-\frac{1}{16}$
7	$2\frac{1}{8}$	22	$6\frac{1}{2}-\frac{1}{16}$	7	$6\frac{1}{2}$	23	$8\frac{1}{4}-\frac{1}{16}$	7	$10\frac{7}{8}$	24	$10\frac{1}{16}$
7	$2\frac{1}{4}$	22	7	7	$6\frac{5}{8}$	23	$8\frac{3}{8}-\frac{1}{16}$	7	11	24	$10\frac{3}{8}-\frac{1}{16}$
7	$2\frac{3}{8}$	22	$7\frac{3}{8}$	7	$6\frac{3}{4}$	23	$9\frac{1}{16}$	7	$11\frac{1}{8}$	24	$10\frac{3}{4}-\frac{1}{16}$
7	$2\frac{1}{2}$	22	$7\frac{3}{4}$	7	$6\frac{7}{8}$	23	$9\frac{1}{2}$	7	$11\frac{1}{4}$	24	$11\frac{1}{4}$
7	$2\frac{5}{8}$	22	$8\frac{1}{8}$	7	7	23	$9\frac{7}{8}$	7	$11\frac{3}{8}$	24	$11\frac{5}{8}$
7	$2\frac{3}{4}$	22	$8\frac{1}{2}$	7	$7\frac{1}{8}$	23	$10\frac{1}{4}-\frac{1}{16}$	7	$11\frac{1}{2}$	25	0
7	$2\frac{7}{8}$	22	$8\frac{7}{8}-\frac{1}{16}$	7	$7\frac{1}{4}$	23	$10\frac{5}{8}-\frac{1}{16}$	7	$11\frac{5}{8}$	25	$0\frac{3}{8}$
7	3	22	$9\frac{1}{4}-\frac{1}{16}$	7	$7\frac{3}{8}$	23	$11\frac{1}{16}$	7	$11\frac{3}{4}$	25	$0\frac{3}{4}-\frac{1}{16}$
7	$3\frac{1}{8}$	22	$9\frac{3}{8}-\frac{1}{16}$	7	$7\frac{1}{2}$	23	$11\frac{3}{8}-\frac{1}{16}$	7	$11\frac{7}{8}$	25	$1\frac{1}{8}-\frac{1}{16}$
7	$3\frac{1}{4}$	22	$10\frac{1}{8}$	7	$7\frac{5}{8}$	23	$11\frac{7}{8}$	8	0	25	$1\frac{1}{2}-\frac{1}{16}$
7	$3\frac{3}{8}$	22	$10\frac{1}{2}$	7	$7\frac{3}{4}$	24	$0\frac{1}{4}$	8	$0\frac{1}{8}$	25	2
7	$3\frac{1}{2}$	22	$10\frac{7}{8}$	7	$7\frac{7}{8}$	24	$0\frac{5}{8}$	8	$0\frac{1}{4}$	25	$2\frac{3}{8}$
7	$3\frac{5}{8}$	22	$11\frac{1}{4}-\frac{1}{16}$	7	8	24	1	8	$0\frac{3}{8}$	25	$2\frac{3}{4}-\frac{1}{16}$
7	$3\frac{3}{4}$	22	$11\frac{5}{8}-\frac{1}{16}$	7	$8\frac{1}{8}$	24	$1\frac{3}{8}$	8	$0\frac{1}{2}$	25	$3\frac{1}{8}-\frac{1}{16}$
7	$3\frac{7}{8}$	23	$0\frac{1}{8}$	7	$8\frac{1}{4}$	24	$1\frac{3}{4}-\frac{1}{16}$	8	$0\frac{5}{8}$	25	$3\frac{1}{2}-\frac{1}{16}$
7	4	23	$0\frac{1}{2}$	7	$8\frac{3}{8}$	24	$2\frac{1}{8}-\frac{1}{16}$	8	$0\frac{3}{4}$	25	4
7	$4\frac{1}{8}$	23	$0\frac{7}{8}$	7	$8\frac{1}{2}$	24	$2\frac{1}{2}-\frac{1}{16}$	8	$0\frac{7}{8}$	25	$4\frac{3}{8}$
7	$4\frac{1}{4}$	23	$1\frac{1}{4}$	7	$8\frac{5}{8}$	24	3	8	1	25	$4\frac{3}{4}$
7	$4\frac{3}{8}$	23	$1\frac{5}{8}$	7	$8\frac{3}{4}$	24	$3\frac{3}{8}$	8	$1\frac{1}{8}$	25	$5\frac{1}{8}$
7	$4\frac{1}{2}$	23	2	7	$8\frac{7}{8}$	24	$3\frac{3}{4}-\frac{1}{16}$	8	$1\frac{1}{4}$	25	$5\frac{1}{2}$
7	$4\frac{5}{8}$	23	$2\frac{3}{8}$	7	9	24	$4\frac{1}{8}-\frac{1}{16}$	8	$1\frac{3}{8}$	25	$5\frac{7}{8}$
7	$4\frac{3}{4}$	23	$2\frac{3}{4}-\frac{1}{16}$	7	$9\frac{1}{8}$	24	$4\frac{1}{2}-\frac{1}{16}$	8	$1\frac{1}{2}$	25	$6\frac{1}{4}-\frac{1}{16}$
7	$4\frac{7}{8}$	23	$3\frac{1}{8}-\frac{1}{16}$	7	$9\frac{1}{4}$	24	5	8	$1\frac{5}{8}$	25	$6\frac{5}{8}-\frac{1}{16}$
7	5	23	$3\frac{1}{2}-\frac{1}{16}$	7	$9\frac{3}{8}$	24	$5\frac{3}{8}$	8	$1\frac{3}{4}$	25	$7\frac{1}{8}$
7	$5\frac{1}{8}$	23	4	7	$9\frac{1}{2}$	24	$5\frac{3}{4}$	8	$1\frac{7}{8}$	25	$7\frac{1}{2}$
7	$5\frac{1}{4}$	23	$4\frac{3}{8}$	7	$9\frac{5}{8}$	24	$6\frac{1}{8}$	8	2	25	$7\frac{7}{8}$
7	$5\frac{3}{8}$	23	$4\frac{3}{4}-\frac{1}{16}$	7	$9\frac{3}{4}$	24	$6\frac{1}{2}$	8	$2\frac{1}{8}$	25	$8\frac{1}{4}-\frac{1}{16}$
7	$5\frac{1}{2}$	23	$5\frac{1}{8}-\frac{1}{16}$	7	$9\frac{7}{8}$	24	$6\frac{7}{8}$	8	$2\frac{1}{4}$	25	$8\frac{3}{8}-\frac{1}{16}$
7	$5\frac{5}{8}$	23	$5\frac{1}{2}-\frac{1}{16}$	7	10	24	$7\frac{1}{4}-\frac{1}{16}$	8	$2\frac{3}{8}$	25	$9\frac{1}{16}$
7	$5\frac{3}{4}$	23	6	7	$10\frac{1}{8}$	24	$7\frac{5}{8}-\frac{1}{16}$	8	$2\frac{1}{2}$	25	$9\frac{3}{8}-\frac{1}{16}$
7	$5\frac{7}{8}$	23	$6\frac{3}{8}$	7	$10\frac{1}{4}$	24	$8\frac{1}{8}$	8	$2\frac{5}{8}$	25	$9\frac{7}{8}$
7	6	23	$6\frac{3}{4}$	7	$10\frac{3}{8}$	24	$8\frac{1}{2}$	8	$2\frac{3}{4}$	25	$10\frac{1}{4}$

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
8	$2\frac{7}{8}$	25	$10\frac{5}{8}$	8	$7\frac{1}{4}$	27	$0\frac{1}{4}-\frac{1}{16}$	8	$11\frac{5}{8}$	28	$2\frac{1}{16}$
8	3	25	11	8	$7\frac{3}{8}$	27	$0\frac{5}{8}-\frac{1}{16}$	8	$11\frac{3}{4}$	28	$2\frac{1}{2}$
8	$3\frac{1}{8}$	25	$11\frac{3}{8}$	8	$7\frac{1}{2}$	27	$1\frac{1}{16}$	8	$11\frac{7}{8}$	28	$2\frac{7}{8}$
8	$3\frac{1}{4}$	25	$11\frac{3}{4}-\frac{1}{16}$	8	$7\frac{5}{8}$	27	$1\frac{1}{2}$	9	0	28	$3\frac{1}{4}$
8	$3\frac{3}{8}$	26	$0\frac{1}{8}-\frac{1}{16}$	8	$7\frac{3}{4}$	27	$1\frac{7}{8}-\frac{1}{16}$	9	$0\frac{1}{8}$	28	$3\frac{5}{8}$
8	$3\frac{1}{2}$	26	$0\frac{1}{2}-\frac{1}{16}$	8	$7\frac{7}{8}$	27	$2\frac{1}{4}-\frac{1}{16}$	9	$0\frac{1}{4}$	28	4
8	$3\frac{5}{8}$	26	1	8	8	27	$2\frac{5}{8}-\frac{1}{16}$	9	$0\frac{3}{8}$	28	$4\frac{3}{8}-\frac{1}{16}$
8	$3\frac{3}{4}$	26	$1\frac{3}{8}$	8	$8\frac{1}{8}$	27	$3\frac{1}{16}$	9	$0\frac{1}{2}$	28	$4\frac{7}{8}$
8	$3\frac{7}{8}$	26	$1\frac{3}{4}$	8	$8\frac{1}{4}$	27	$3\frac{1}{2}$	9	$0\frac{5}{8}$	28	$5\frac{1}{4}$
8	4	26	$2\frac{1}{8}-\frac{1}{16}$	8	$8\frac{3}{8}$	27	$3\frac{7}{8}$	9	$0\frac{3}{4}$	28	$5\frac{5}{8}$
8	$4\frac{1}{8}$	26	$2\frac{1}{2}-\frac{1}{16}$	8	$8\frac{1}{2}$	27	$4\frac{1}{4}$	9	$0\frac{7}{8}$	28	6
8	$4\frac{1}{4}$	26	$2\frac{7}{8}-\frac{1}{16}$	8	$8\frac{5}{8}$	27	$4\frac{5}{8}-\frac{1}{16}$	9	1	28	$6\frac{3}{8}$
8	$4\frac{3}{8}$	26	$3\frac{1}{4}-\frac{1}{16}$	8	$8\frac{3}{4}$	27	$5\frac{1}{16}$	9	$1\frac{1}{8}$	28	$6\frac{3}{4}-\frac{1}{16}$
8	$4\frac{1}{2}$	26	$3\frac{3}{4}$	8	$8\frac{7}{8}$	27	$5\frac{3}{8}-\frac{1}{16}$	9	$1\frac{1}{4}$	28	$7\frac{1}{8}-\frac{1}{16}$
8	$4\frac{5}{8}$	26	$4\frac{1}{8}$	8	9	27	$5\frac{7}{8}$	9	$1\frac{3}{8}$	28	$7\frac{1}{2}-\frac{1}{16}$
8	$4\frac{3}{4}$	26	$4\frac{1}{2}$	8	$9\frac{1}{8}$	27	$6\frac{1}{4}$	9	$1\frac{1}{2}$	28	8
8	$4\frac{7}{8}$	26	$4\frac{7}{8}$	8	$9\frac{1}{4}$	27	$6\frac{5}{8}$	9	$1\frac{5}{8}$	28	$8\frac{3}{8}$
8	5	26	$5\frac{1}{4}-\frac{1}{16}$	8	$9\frac{3}{8}$	27	7	9	$1\frac{3}{4}$	28	$8\frac{3}{4}$
8	$5\frac{1}{8}$	26	$5\frac{5}{8}-\frac{1}{16}$	8	$9\frac{1}{2}$	27	$7\frac{3}{8}-\frac{1}{16}$	9	$1\frac{7}{8}$	28	$9\frac{1}{8}$
8	$5\frac{1}{4}$	26	$6\frac{1}{16}$	8	$9\frac{5}{8}$	27	$7\frac{3}{4}-\frac{1}{16}$	9	2	28	$9\frac{1}{2}$
8	$5\frac{3}{8}$	26	$6\frac{1}{2}$	8	$9\frac{3}{4}$	27	$8\frac{1}{8}-\frac{1}{16}$	9	$2\frac{1}{8}$	28	$9\frac{7}{8}-\frac{1}{16}$
8	$5\frac{1}{2}$	26	$6\frac{7}{8}$	8	$9\frac{7}{8}$	27	$8\frac{5}{8}$	9	$2\frac{1}{4}$	28	$10\frac{1}{4}-\frac{1}{16}$
8	$5\frac{5}{8}$	26	$7\frac{1}{4}$	8	10	27	9	9	$2\frac{3}{8}$	28	$10\frac{3}{4}$
8	$5\frac{3}{4}$	26	$7\frac{5}{8}$	8	$10\frac{1}{8}$	27	$9\frac{3}{8}$	9	$2\frac{1}{2}$	28	$11\frac{1}{8}$
8	$5\frac{7}{8}$	26	8	8	$10\frac{1}{4}$	27	$9\frac{3}{4}$	9	$2\frac{5}{8}$	28	$11\frac{1}{2}$
8	6	26	$8\frac{3}{8}-\frac{1}{16}$	8	$10\frac{3}{8}$	27	$10\frac{1}{8}$	9	$2\frac{3}{4}$	28	$11\frac{7}{8}$
8	$6\frac{1}{8}$	26	$8\frac{3}{4}-\frac{1}{16}$	8	$10\frac{1}{2}$	27	$10\frac{1}{2}$	9	$2\frac{7}{8}$	29	$0\frac{1}{4}-\frac{1}{16}$
8	$6\frac{1}{4}$	26	$9\frac{1}{8}-\frac{1}{16}$	8	$10\frac{5}{8}$	27	$10\frac{7}{8}-\frac{1}{16}$	9	3	29	$0\frac{5}{8}-\frac{1}{16}$
8	$6\frac{3}{8}$	26	$9\frac{1}{2}-\frac{1}{16}$	8	$10\frac{3}{4}$	27	$11\frac{1}{4}-\frac{1}{16}$	9	$3\frac{1}{8}$	29	$1\frac{1}{16}$
8	$6\frac{1}{2}$	26	10	8	$10\frac{7}{8}$	27	$11\frac{3}{4}$	9	$3\frac{1}{4}$	29	$1\frac{1}{2}$
8	$6\frac{5}{8}$	26	$10\frac{3}{8}$	8	11	28	$0\frac{1}{8}$	9	$3\frac{3}{8}$	29	$1\frac{7}{8}$
8	$6\frac{3}{4}$	26	$10\frac{3}{4}$	8	$11\frac{1}{8}$	28	$0\frac{1}{2}$	9	$3\frac{1}{2}$	29	$2\frac{1}{4}$
8	$6\frac{7}{8}$	26	$11\frac{1}{8}$	8	$11\frac{1}{4}$	28	$0\frac{7}{8}$	9	$3\frac{5}{8}$	29	$2\frac{5}{8}$
8	7	26	$11\frac{1}{2}$	8	$11\frac{3}{8}$	28	$1\frac{1}{4}-\frac{1}{16}$	9	$3\frac{3}{4}$	29	3
8	$7\frac{1}{8}$	26	$11\frac{7}{8}-\frac{1}{16}$	8	$11\frac{1}{2}$	28	$1\frac{5}{8}-\frac{1}{16}$	9	$3\frac{7}{8}$	29	$3\frac{3}{8}-\frac{1}{16}$

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
9	4	29	$3\frac{3}{4}-\frac{1}{16}$	9	$8\frac{3}{8}$	30	$5\frac{1}{2}-\frac{1}{16}$	10	$0\frac{3}{4}$	31	$7\frac{1}{4}-\frac{1}{16}$
9	$4\frac{1}{8}$	29	$4\frac{1}{4}$	9	$8\frac{1}{2}$	30	6	10	$0\frac{7}{8}$	31	$7\frac{5}{8}-\frac{1}{16}$
9	$4\frac{1}{4}$	29	$4\frac{5}{8}$	9	$8\frac{5}{8}$	30	$6\frac{3}{8}$	10	1	31	$8\frac{1}{8}$
9	$4\frac{3}{8}$	29	5	9	$8\frac{3}{4}$	30	$6\frac{3}{4}$	10	$1\frac{1}{8}$	31	$8\frac{1}{2}$
9	$4\frac{1}{2}$	29	$5\frac{3}{8}$	9	$8\frac{7}{8}$	30	$7\frac{1}{8}$	10	$1\frac{1}{4}$	31	$8\frac{7}{8}$
9	$4\frac{5}{8}$	29	$5\frac{3}{4}-\frac{1}{16}$	9	9	30	$7\frac{1}{2}$	10	$1\frac{3}{8}$	31	$9\frac{1}{4}$
9	$4\frac{3}{4}$	29	$6\frac{1}{8}-\frac{1}{16}$	9	$9\frac{1}{8}$	30	$7\frac{7}{8}-\frac{1}{16}$	10	$1\frac{1}{2}$	31	$9\frac{5}{8}-\frac{1}{16}$
9	$4\frac{7}{8}$	29	$6\frac{1}{2}-\frac{1}{16}$	9	$9\frac{1}{4}$	30	$8\frac{1}{4}-\frac{1}{16}$	10	$1\frac{5}{8}$	31	$10\frac{1}{16}$
9	5	29	7	9	$9\frac{3}{8}$	30	$8\frac{3}{4}$	10	$1\frac{3}{4}$	31	$10\frac{3}{8}-\frac{1}{16}$
9	$5\frac{1}{8}$	29	$7\frac{3}{8}$	9	$9\frac{1}{2}$	30	$9\frac{1}{8}$	10	$1\frac{7}{8}$	31	$10\frac{7}{8}$
9	$5\frac{1}{4}$	29	$7\frac{3}{4}$	9	$9\frac{5}{8}$	30	$9\frac{1}{2}$	10	2	31	$11\frac{1}{4}$
9	$5\frac{3}{8}$	29	$8\frac{1}{8}$	9	$9\frac{3}{4}$	30	$9\frac{7}{8}$	10	$2\frac{1}{8}$	31	$11\frac{5}{8}$
9	$5\frac{1}{2}$	29	$8\frac{1}{2}-\frac{1}{16}$	9	$9\frac{7}{8}$	30	$10\frac{1}{4}$	10	$2\frac{1}{4}$	32	0
9	$5\frac{5}{8}$	29	$8\frac{7}{8}-\frac{1}{16}$	9	10	30	$10\frac{5}{8}-\frac{1}{16}$	10	$2\frac{3}{8}$	32	$0\frac{3}{8}-\frac{1}{16}$
9	$5\frac{3}{4}$	29	$9\frac{1}{4}-\frac{1}{16}$	9	$10\frac{1}{8}$	30	$11\frac{1}{16}$	10	$2\frac{1}{2}$	32	$0\frac{3}{4}-\frac{1}{16}$
9	$5\frac{7}{8}$	29	$9\frac{3}{4}$	9	$10\frac{1}{4}$	30	$11\frac{3}{8}-\frac{1}{16}$	10	$2\frac{5}{8}$	32	$1\frac{1}{8}-\frac{1}{16}$
9	6	29	$10\frac{1}{8}$	9	$10\frac{3}{8}$	30	$11\frac{7}{8}$	10	$2\frac{3}{4}$	32	$1\frac{5}{8}$
9	$6\frac{1}{8}$	29	$10\frac{1}{2}$	9	$10\frac{1}{2}$	31	$0\frac{1}{4}$	10	$2\frac{7}{8}$	32	2
9	$6\frac{1}{4}$	29	$10\frac{7}{8}$	9	$10\frac{5}{8}$	31	$0\frac{5}{8}$	10	3	32	$2\frac{3}{8}$
9	$6\frac{3}{8}$	29	$11\frac{1}{4}-\frac{1}{16}$	9	$10\frac{3}{4}$	31	1	10	$3\frac{1}{8}$	32	$2\frac{3}{4}-\frac{1}{16}$
9	$6\frac{1}{2}$	29	$11\frac{5}{8}-\frac{1}{16}$	9	$10\frac{7}{8}$	31	$1\frac{3}{8}-\frac{1}{16}$	10	$3\frac{1}{4}$	32	$3\frac{1}{8}-\frac{1}{16}$
9	$6\frac{5}{8}$	30	$0\frac{1}{16}$	9	11	31	$1\frac{3}{4}-\frac{1}{16}$	10	$3\frac{3}{8}$	32	$3\frac{1}{2}-\frac{1}{16}$
9	$6\frac{3}{4}$	30	$0\frac{3}{8}-\frac{1}{16}$	9	$11\frac{1}{8}$	31	$2\frac{1}{4}$	10	$3\frac{1}{2}$	32	$3\frac{7}{8}-\frac{1}{16}$
9	$6\frac{7}{8}$	30	$0\frac{7}{8}$	9	$11\frac{1}{4}$	31	$2\frac{5}{8}$	10	$3\frac{5}{8}$	32	$4\frac{3}{8}$
9	7	30	$1\frac{1}{4}$	9	$11\frac{3}{8}$	31	3	10	$3\frac{3}{4}$	32	$4\frac{3}{4}$
9	$7\frac{1}{8}$	30	$1\frac{5}{8}$	9	$11\frac{1}{2}$	31	$3\frac{3}{8}$	10	$3\frac{7}{8}$	32	$5\frac{1}{8}$
9	$7\frac{1}{4}$	30	2	9	$11\frac{5}{8}$	31	$3\frac{3}{4}$	10	4	32	$5\frac{1}{2}$
9	$7\frac{3}{8}$	30	$2\frac{3}{8}-\frac{1}{16}$	9	$11\frac{3}{4}$	31	$4\frac{1}{8}$	10	$4\frac{1}{8}$	32	$5\frac{7}{8}-\frac{1}{16}$
9	$7\frac{1}{2}$	30	$2\frac{3}{4}-\frac{1}{16}$	9	$11\frac{7}{8}$	31	$4\frac{1}{2}-\frac{1}{16}$	10	$4\frac{1}{4}$	32	$6\frac{1}{4}-\frac{1}{16}$
9	$7\frac{5}{8}$	30	$3\frac{1}{4}$	10	0	31	5	10	$4\frac{3}{8}$	32	$6\frac{5}{8}-\frac{1}{16}$
9	$7\frac{3}{4}$	30	$3\frac{5}{8}$	10	$0\frac{1}{8}$	31	$5\frac{3}{8}$	10	$4\frac{1}{2}$	32	$7\frac{1}{8}$
9	$7\frac{7}{8}$	30	4	10	$0\frac{1}{4}$	31	$5\frac{3}{4}$	10	$4\frac{5}{8}$	32	$7\frac{1}{2}$
9	8	30	$4\frac{3}{8}$	10	$0\frac{3}{8}$	31	$6\frac{1}{8}$	10	$4\frac{3}{4}$	32	$7\frac{7}{8}$
9	$8\frac{1}{8}$	30	$4\frac{3}{4}$	10	$0\frac{1}{2}$	31	$6\frac{1}{2}$	10	$4\frac{7}{8}$	32	$8\frac{1}{4}$
9	$8\frac{1}{4}$	30	$5\frac{1}{8}-\frac{1}{16}$	10	$0\frac{5}{8}$	31	$6\frac{7}{8}-\frac{1}{16}$	10	5	32	$8\frac{3}{8}-\frac{1}{16}$

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
10	$5\frac{1}{8}$	32	$9\frac{1}{16}$	10	$9\frac{1}{2}$	33	$10\frac{3}{4}-\frac{1}{16}$	11	$1\frac{7}{8}$	35	$0\frac{1}{2}-\frac{1}{16}$
10	$5\frac{1}{4}$	32	$9\frac{3}{8}-\frac{1}{16}$	10	$9\frac{5}{8}$	33	$11\frac{1}{8}-\frac{1}{16}$	11	2	35	$0\frac{7}{8}-\frac{1}{16}$
10	$5\frac{3}{8}$	32	$9\frac{3}{4}-\frac{1}{16}$	10	$9\frac{3}{4}$	33	$11\frac{1}{2}-\frac{1}{16}$	11	$2\frac{1}{8}$	35	$1\frac{1}{4}-\frac{1}{16}$
10	$5\frac{1}{2}$	32	$10\frac{1}{4}$	10	$9\frac{7}{8}$	34	0	11	$2\frac{1}{4}$	35	$1\frac{3}{4}$
10	$5\frac{5}{8}$	32	$10\frac{5}{8}$	10	10	34	$0\frac{3}{8}$	11	$2\frac{3}{8}$	35	$2\frac{1}{8}$
10	$5\frac{3}{4}$	32	11	10	$10\frac{1}{8}$	34	$0\frac{3}{4}$	11	$2\frac{1}{2}$	35	$2\frac{1}{2}$
10	$5\frac{7}{8}$	32	$11\frac{3}{8}-\frac{1}{16}$	10	$10\frac{1}{4}$	34	$1\frac{1}{8}-\frac{1}{16}$	11	$2\frac{5}{8}$	35	$2\frac{7}{8}$
10	6	32	$11\frac{3}{4}-\frac{1}{16}$	10	$10\frac{3}{8}$	34	$1\frac{1}{2}-\frac{1}{16}$	11	$2\frac{3}{4}$	35	$3\frac{1}{4}-\frac{1}{16}$
10	$6\frac{1}{8}$	33	$0\frac{1}{4}$	10	$10\frac{1}{2}$	34	$1\frac{7}{8}-\frac{1}{16}$	11	$2\frac{7}{8}$	35	$3\frac{5}{8}-\frac{1}{16}$
10	$6\frac{1}{4}$	33	$0\frac{5}{8}$	10	$10\frac{5}{8}$	34	$2\frac{1}{4}-\frac{1}{16}$	11	3	35	$4\frac{1}{16}$
10	$6\frac{3}{8}$	33	1	10	$10\frac{3}{4}$	34	$2\frac{3}{4}$	11	$3\frac{1}{8}$	35	$4\frac{1}{2}$
10	$6\frac{1}{2}$	33	$1\frac{3}{8}$	10	$10\frac{7}{8}$	34	$3\frac{1}{8}$	11	$3\frac{1}{4}$	35	$4\frac{7}{8}$
10	$6\frac{5}{8}$	33	$1\frac{3}{4}$	10	11	34	$3\frac{1}{2}$	11	$3\frac{3}{8}$	35	$5\frac{1}{4}$
10	$6\frac{3}{4}$	33	$2\frac{1}{8}-\frac{1}{16}$	10	$11\frac{1}{8}$	34	$3\frac{7}{8}-\frac{1}{16}$	11	$3\frac{1}{2}$	35	$5\frac{5}{8}$
10	$6\frac{7}{8}$	33	$2\frac{1}{2}-\frac{1}{16}$	10	$11\frac{1}{4}$	34	$4\frac{1}{4}-\frac{1}{16}$	11	$3\frac{5}{8}$	35	$6\frac{1}{16}$
10	7	33	3	10	$11\frac{3}{8}$	34	$4\frac{5}{8}-\frac{1}{16}$	11	$3\frac{3}{4}$	35	$6\frac{3}{8}-\frac{1}{16}$
10	$7\frac{1}{8}$	33	$3\frac{3}{8}$	10	$11\frac{1}{2}$	34	$5\frac{1}{16}$	11	$3\frac{7}{8}$	35	$6\frac{3}{4}-\frac{1}{16}$
10	$7\frac{1}{4}$	33	$3\frac{3}{4}$	10	$11\frac{5}{8}$	34	$5\frac{1}{2}$	11	4	35	$7\frac{1}{4}$
10	$7\frac{3}{8}$	33	$4\frac{1}{8}$	10	$11\frac{3}{4}$	34	$5\frac{7}{8}$	11	$4\frac{1}{8}$	35	$7\frac{5}{8}$
10	$7\frac{1}{2}$	33	$4\frac{1}{2}$	10	$11\frac{7}{8}$	34	$6\frac{1}{4}$	11	$4\frac{1}{4}$	35	8
10	$7\frac{5}{8}$	33	$4\frac{7}{8}$	11	0	34	$6\frac{5}{8}-\frac{1}{16}$	11	$4\frac{3}{8}$	35	$8\frac{3}{8}-\frac{1}{16}$
10	$7\frac{3}{4}$	33	$5\frac{1}{4}-\frac{1}{16}$	11	$0\frac{1}{8}$	34	$7\frac{1}{16}$	11	$4\frac{1}{2}$	35	$8\frac{3}{4}-\frac{1}{16}$
10	$7\frac{7}{8}$	33	$5\frac{5}{8}-\frac{1}{16}$	11	$0\frac{1}{4}$	34	$7\frac{3}{8}-\frac{1}{16}$	11	$4\frac{5}{8}$	35	$9\frac{1}{8}-\frac{1}{16}$
10	8	33	$6\frac{1}{16}$	11	$0\frac{3}{8}$	34	$7\frac{3}{4}-\frac{1}{16}$	11	$4\frac{3}{4}$	35	$9\frac{1}{2}-\frac{1}{16}$
10	$8\frac{1}{8}$	33	$6\frac{1}{2}$	11	$0\frac{1}{2}$	34	$8\frac{1}{4}$	11	$4\frac{7}{8}$	35	10
10	$8\frac{1}{4}$	33	$6\frac{7}{8}$	11	$0\frac{5}{8}$	34	$8\frac{5}{8}$	11	5	35	$10\frac{3}{8}$
10	$8\frac{3}{8}$	33	$7\frac{1}{4}$	11	$0\frac{3}{4}$	34	9	11	$5\frac{1}{8}$	35	$10\frac{3}{4}$
10	$8\frac{1}{2}$	33	$7\frac{5}{8}-\frac{1}{16}$	11	$0\frac{7}{8}$	34	$9\frac{3}{8}$	11	$5\frac{1}{4}$	35	$11\frac{1}{8}$
10	$8\frac{5}{8}$	33	$8\frac{1}{16}$	11	1	34	$9\frac{3}{4}-\frac{1}{16}$	11	$5\frac{3}{8}$	35	$11\frac{1}{2}-\frac{1}{16}$
10	$8\frac{3}{4}$	33	$8\frac{3}{8}-\frac{1}{16}$	11	$1\frac{1}{8}$	34	$10\frac{1}{8}-\frac{1}{16}$	11	$5\frac{1}{2}$	35	$11\frac{7}{8}-\frac{1}{16}$
10	$8\frac{7}{8}$	33	$8\frac{7}{8}$	11	$1\frac{1}{4}$	34	$10\frac{1}{2}-\frac{1}{16}$	11	$5\frac{5}{8}$	36	$0\frac{1}{4}-\frac{1}{16}$
10	9	33	$9\frac{1}{4}$	11	$1\frac{3}{8}$	34	11	11	$5\frac{3}{4}$	36	$0\frac{5}{8}-\frac{1}{16}$
10	$9\frac{1}{8}$	33	$9\frac{5}{8}$	11	$1\frac{1}{2}$	34	$11\frac{3}{8}$	11	$5\frac{7}{8}$	36	$1\frac{1}{8}$
10	$9\frac{1}{4}$	33	10	11	$1\frac{5}{8}$	34	$11\frac{3}{4}$	11	6	36	$1\frac{1}{2}$
10	$9\frac{3}{8}$	33	$10\frac{3}{8}-\frac{1}{16}$	11	$1\frac{3}{4}$	35	$0\frac{1}{8}$	11	$6\frac{1}{8}$	36	$1\frac{7}{8}$

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
11	$6\frac{1}{4}$	36	$2\frac{1}{4}-\frac{1}{16}$	11	$10\frac{5}{8}$	37	$4\frac{1}{16}$	12	3	38	$5\frac{3}{4}-\frac{1}{16}$
11	$6\frac{3}{8}$	36	$2\frac{3}{8}-\frac{1}{16}$	11	$10\frac{3}{4}$	37	$4\frac{3}{8}-\frac{1}{16}$	12	$3\frac{1}{8}$	38	$6\frac{1}{4}$
11	$6\frac{1}{2}$	36	$3\frac{1}{16}$	11	$10\frac{7}{8}$	37	$4\frac{3}{4}-\frac{1}{16}$	12	$3\frac{1}{4}$	38	$6\frac{5}{8}$
11	$6\frac{5}{8}$	36	$3\frac{1}{2}$	11	11	37	$5\frac{1}{4}$	12	$3\frac{3}{8}$	38	7
11	$6\frac{3}{4}$	36	$3\frac{7}{8}$	11	$11\frac{1}{8}$	37	$5\frac{5}{8}$	12	$3\frac{1}{2}$	38	$7\frac{3}{8}$
11	$6\frac{7}{8}$	36	$4\frac{1}{4}$	11	$11\frac{1}{4}$	37	6	12	$3\frac{5}{8}$	38	$7\frac{3}{4}$
11	7	36	$4\frac{5}{8}$	11	$11\frac{3}{8}$	37	$6\frac{3}{8}$	12	$3\frac{3}{4}$	38	$8\frac{1}{8}$
11	$7\frac{1}{8}$	36	5	11	$11\frac{1}{2}$	37	$6\frac{3}{4}$	12	$3\frac{7}{8}$	38	$8\frac{1}{2}-\frac{1}{16}$
11	$7\frac{1}{4}$	36	$5\frac{3}{8}-\frac{1}{16}$	11	$11\frac{5}{8}$	37	$7\frac{1}{8}-\frac{1}{16}$	12	4	38	$8\frac{7}{8}-\frac{1}{16}$
11	$7\frac{3}{8}$	36	$5\frac{3}{4}-\frac{1}{16}$	11	$11\frac{3}{4}$	37	$7\frac{1}{2}-\frac{1}{16}$	12	$4\frac{1}{8}$	38	$9\frac{1}{4}-\frac{1}{16}$
11	$7\frac{1}{2}$	36	$6\frac{1}{4}$	11	$11\frac{7}{8}$	37	$7\frac{7}{8}-\frac{1}{16}$	12	$4\frac{1}{4}$	38	$9\frac{3}{4}$
11	$7\frac{5}{8}$	36	$6\frac{5}{8}$	12	0	37	$8\frac{3}{8}$	12	$4\frac{3}{8}$	38	$10\frac{1}{8}$
11	$7\frac{3}{4}$	36	7	12	$0\frac{1}{8}$	37	$8\frac{3}{4}$	12	$4\frac{1}{2}$	38	$10\frac{1}{2}$
11	$7\frac{7}{8}$	36	$7\frac{3}{8}$	12	$0\frac{1}{4}$	37	$9\frac{1}{8}$	12	$4\frac{5}{8}$	38	$10\frac{7}{8}$
11	8	36	$7\frac{3}{4}-\frac{1}{16}$	12	$0\frac{3}{8}$	37	$9\frac{1}{2}$	12	$4\frac{3}{4}$	38	$11\frac{1}{4}$
11	$8\frac{1}{8}$	36	$8\frac{1}{8}-\frac{1}{16}$	12	$0\frac{1}{2}$	37	$9\frac{7}{8}$	12	$4\frac{7}{8}$	38	$11\frac{5}{8}-\frac{1}{16}$
11	$8\frac{1}{4}$	36	$8\frac{1}{2}-\frac{1}{16}$	12	$0\frac{5}{8}$	37	$10\frac{1}{4}-\frac{1}{16}$	12	5	39	$0\frac{1}{16}$
11	$8\frac{3}{8}$	36	9	12	$0\frac{3}{4}$	37	$10\frac{3}{4}$	12	$5\frac{1}{8}$	39	$0\frac{3}{8}-\frac{1}{16}$
11	$8\frac{1}{2}$	36	$9\frac{3}{8}$	12	$0\frac{7}{8}$	37	$11\frac{1}{8}$	12	$5\frac{1}{4}$	39	$0\frac{7}{8}$
11	$8\frac{5}{8}$	36	$9\frac{3}{4}$	12	1	37	$11\frac{1}{2}$	12	$5\frac{3}{8}$	39	$1\frac{1}{4}$
11	$8\frac{3}{4}$	36	$10\frac{1}{8}$	12	$1\frac{1}{8}$	37	$11\frac{7}{8}-\frac{1}{16}$	12	$5\frac{1}{2}$	39	$1\frac{3}{8}$
11	$8\frac{7}{8}$	36	$10\frac{1}{2}-\frac{1}{16}$	12	$1\frac{1}{4}$	38	$0\frac{1}{4}-\frac{1}{16}$	12	$5\frac{5}{8}$	39	2
11	9	36	$10\frac{7}{8}-\frac{1}{16}$	12	$1\frac{3}{8}$	38	$0\frac{3}{4}$	12	$5\frac{3}{4}$	39	$2\frac{3}{8}-\frac{1}{16}$
11	$9\frac{1}{8}$	36	$11\frac{1}{4}-\frac{1}{16}$	12	$1\frac{1}{2}$	38	$1\frac{1}{8}$	12	$5\frac{7}{8}$	39	$2\frac{3}{4}-\frac{1}{16}$
11	$9\frac{1}{4}$	36	$11\frac{3}{4}$	12	$1\frac{5}{8}$	38	$1\frac{1}{2}$	12	6	39	$3\frac{1}{4}$
11	$9\frac{3}{8}$	37	$0\frac{1}{8}$	12	$1\frac{3}{4}$	38	$1\frac{7}{8}$	12	$6\frac{1}{8}$	39	$3\frac{5}{8}$
11	$9\frac{1}{2}$	37	$0\frac{1}{2}$	12	$1\frac{7}{8}$	38	$2\frac{1}{4}$	12	$6\frac{1}{4}$	39	4
11	$9\frac{5}{8}$	37	$0\frac{7}{8}$	12	2	38	$2\frac{5}{8}$	12	$6\frac{3}{8}$	39	$4\frac{3}{8}-\frac{1}{16}$
11	$9\frac{3}{4}$	37	$1\frac{1}{4}-\frac{1}{16}$	12	$2\frac{1}{8}$	38	3	12	$6\frac{1}{2}$	39	$4\frac{3}{4}-\frac{1}{16}$
11	$9\frac{7}{8}$	37	$1\frac{5}{8}-\frac{1}{16}$	12	$2\frac{1}{4}$	38	$3\frac{3}{8}$	12	$6\frac{5}{8}$	39	$5\frac{1}{8}-\frac{1}{16}$
11	10	37	$2\frac{1}{16}$	12	$2\frac{3}{8}$	38	$3\frac{3}{4}-\frac{1}{16}$	12	$6\frac{3}{4}$	39	$5\frac{1}{2}-\frac{1}{16}$
11	$10\frac{1}{8}$	37	$2\frac{3}{8}-\frac{1}{16}$	12	$2\frac{1}{2}$	38	$4\frac{1}{8}-\frac{1}{16}$	12	$6\frac{7}{8}$	39	$5\frac{7}{8}-\frac{1}{16}$
11	$10\frac{1}{4}$	37	$2\frac{7}{8}$	12	$2\frac{5}{8}$	38	$4\frac{5}{8}$	12	7	39	$6\frac{3}{8}$
11	$10\frac{3}{8}$	37	$3\frac{1}{4}$	12	$2\frac{3}{4}$	38	5	12	$7\frac{1}{8}$	39	$6\frac{3}{4}$
11	$10\frac{1}{2}$	37	$3\frac{3}{8}$	12	$2\frac{7}{8}$	38	$5\frac{3}{8}$	12	$7\frac{1}{4}$	39	$7\frac{1}{8}$

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
12	$7\frac{3}{8}$	39	$7\frac{1}{2}$	12	9	40	$0\frac{5}{8}$	12	$10\frac{5}{8}$	40	$5\frac{3}{4}$
12	$7\frac{1}{2}$	39	$7\frac{7}{8}\cdot\frac{1}{16}$	12	$9\frac{1}{8}$	40	1	12	$10\frac{3}{4}$	40	$6\frac{1}{8}$
12	$7\frac{5}{8}$	39	$8\frac{1}{4}\cdot\frac{1}{16}$	12	$9\frac{1}{4}$	40	$1\frac{3}{8}\cdot\frac{1}{16}$	12	$10\frac{7}{8}$	40	$6\frac{1}{2}$
12	$7\frac{3}{4}$	39	$8\frac{5}{8}\cdot\frac{1}{16}$	12	$9\frac{3}{8}$	40	$1\frac{3}{4}\cdot\frac{1}{16}$	12	11	40	$6\frac{7}{8}\cdot\frac{1}{16}$
12	$7\frac{7}{8}$	39	$9\frac{1}{8}$	12	$9\frac{1}{2}$	40	$2\frac{1}{8}\cdot\frac{1}{16}$	12	$11\frac{1}{8}$	40	$7\frac{1}{4}\cdot\frac{1}{16}$
12	8	39	$9\frac{1}{2}$	12	$9\frac{5}{8}$	40	$2\frac{1}{2}\cdot\frac{1}{16}$	12	$11\frac{1}{4}$	40	$7\frac{3}{4}$
12	$8\frac{1}{8}$	39	$9\frac{7}{8}$	12	$9\frac{3}{4}$	40	$2\frac{7}{8}\cdot\frac{1}{16}$	12	$11\frac{3}{8}$	40	$8\frac{1}{8}$
12	$8\frac{1}{4}$	39	$10\frac{1}{4}\cdot\frac{1}{16}$	12	$9\frac{7}{8}$	40	$3\frac{3}{8}$	12	$11\frac{1}{2}$	40	$8\frac{1}{2}$
12	$8\frac{3}{8}$	39	$10\frac{5}{8}\cdot\frac{1}{16}$	12	10	40	$3\frac{3}{4}\cdot\frac{1}{16}$	12	$11\frac{5}{8}$	40	$8\frac{7}{8}\cdot\frac{1}{16}$
12	$8\frac{1}{2}$	39	$11\frac{1}{16}$	12	$10\frac{1}{8}$	40	$4\frac{1}{8}\cdot\frac{1}{16}$	12	$11\frac{3}{4}$	40	$9\frac{1}{4}\cdot\frac{1}{16}$
12	$8\frac{5}{8}$	39	$11\frac{3}{8}\cdot\frac{1}{16}$	12	$10\frac{1}{4}$	40	$4\frac{1}{2}\cdot\frac{1}{16}$	12	$11\frac{7}{8}$	40	$9\frac{5}{8}\cdot\frac{1}{16}$
12	$8\frac{3}{4}$	39	$11\frac{3}{4}\cdot\frac{1}{16}$	12	$10\frac{3}{8}$	40	$4\frac{7}{8}\cdot\frac{1}{16}$	13	0	40	$10\frac{1}{16}$
12	$8\frac{7}{8}$	40	$0\frac{1}{4}$	12	$10\frac{1}{2}$	40	$5\frac{1}{4}\cdot\frac{1}{16}$				

TABLE No. 4.

DIAMETERS AND CIRCUMFERENCES OF ANGLE-IRON RINGS.

FLANGE OUTSIDE.

TABLE No. 4.—DIAMETERS AND CIRCUMFERENCES OF ANGLE-IRON RINGS.

Flange Outside.

Rule.—To the inside diameter add twice the diagonal thickness of the iron at the root, or angle; multiply the sum by 3·1416 for the required length or circumference of angle-iron.

If there is an odd $\frac{1}{16}$th inch in the diameter, add together the tabular circumferences of the two diameters that are nearest to it, and divide the sum by 2. The quotient is the circumference required.

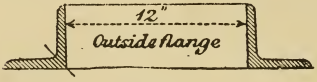


Fig. 38.

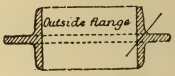


Fig. 39.

Diagonal Measurement at the Root, $\frac{3}{8}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
0	8	2	$3\frac{3}{8}$-$\frac{1}{16}$	0	$10\frac{5}{8}$	2	$11\frac{5}{8}$-$\frac{1}{16}$	1	$1\frac{1}{4}$	3	$7\frac{7}{8}$-$\frac{1}{16}$
0	$8\frac{1}{2}$	2	$3\frac{7}{8}$	0	$10\frac{3}{4}$	3	0-$\frac{1}{16}$	1	$1\frac{3}{8}$	3	$8\frac{1}{4}$-$\frac{1}{16}$
0	$8\frac{1}{4}$	2	$4\frac{1}{4}$	0	$10\frac{7}{8}$	3	$0\frac{1}{2}$	1	$1\frac{1}{2}$	3	$8\frac{3}{4}$
0	$8\frac{3}{8}$	2	$4\frac{5}{8}$	0	11	3	$0\frac{7}{8}$	1	$1\frac{5}{8}$	3	$9\frac{1}{8}$
0	$8\frac{1}{2}$	2	$5\frac{1}{16}$	0	$11\frac{1}{8}$	3	$1\frac{1}{4}$-$\frac{1}{16}$	1	$1\frac{3}{4}$	3	$9\frac{1}{2}$-$\frac{1}{16}$
0	$8\frac{5}{8}$	2	$5\frac{3}{8}$-$\frac{1}{16}$	0	$11\frac{1}{4}$	3	$1\frac{5}{8}$-$\frac{1}{16}$	1	$1\frac{7}{8}$	3	$9\frac{7}{8}$-$\frac{1}{16}$
0	$8\frac{3}{4}$	2	$5\frac{3}{4}$-$\frac{1}{16}$	0	$11\frac{3}{8}$	3	2-$\frac{1}{16}$	1	2	3	$10\frac{1}{4}$-$\frac{1}{16}$
0	$8\frac{7}{8}$	2	$6\frac{1}{8}$-$\frac{1}{16}$	0	$11\frac{1}{2}$	3	$2\frac{3}{8}$-$\frac{1}{16}$	1	$2\frac{1}{8}$	3	$10\frac{5}{8}$-$\frac{1}{16}$
0	9	2	$6\frac{5}{8}$	0	$11\frac{5}{8}$	3	$2\frac{3}{4}$-$\frac{1}{16}$	1	$2\frac{1}{4}$	3	$11\frac{1}{16}$
0	$9\frac{1}{8}$	2	7	0	$11\frac{3}{4}$	3	$3\frac{1}{4}$	1	$2\frac{3}{8}$	3	$11\frac{1}{2}$
0	$9\frac{1}{4}$	2	$7\frac{3}{8}$	0	$11\frac{7}{8}$	3	$3\frac{5}{8}$	1	$2\frac{1}{2}$	3	$11\frac{7}{8}$
0	$9\frac{3}{8}$	2	$7\frac{3}{4}$-$\frac{1}{16}$	1	0	3	$4\frac{1}{16}$	1	$2\frac{5}{8}$	4	$0\frac{1}{4}$
0	$9\frac{1}{2}$	2	$8\frac{1}{8}$-$\frac{1}{16}$	1	$0\frac{1}{8}$	3	$4\frac{3}{8}$-$\frac{1}{16}$	1	$2\frac{3}{4}$	4	$0\frac{3}{8}$-$\frac{1}{16}$
0	$9\frac{5}{8}$	2	$8\frac{1}{2}$-$\frac{1}{16}$	1	$0\frac{1}{4}$	3	$4\frac{3}{4}$-$\frac{1}{16}$	1	$2\frac{7}{8}$	4	$1\frac{1}{16}$
0	$9\frac{3}{4}$	2	$8\frac{7}{8}$-$\frac{1}{16}$	1	$0\frac{3}{8}$	3	$5\frac{1}{8}$-$\frac{1}{16}$	1	3	4	$1\frac{3}{8}$-$\frac{1}{16}$
0	$9\frac{7}{8}$	2	$9\frac{1}{4}$-$\frac{1}{16}$	1	$0\frac{1}{2}$	3	$5\frac{1}{2}$-$\frac{1}{16}$	1	$3\frac{1}{8}$	4	$1\frac{3}{4}$-$\frac{1}{16}$
0	10	2	$9\frac{3}{4}$	1	$0\frac{5}{8}$	3	6	1	$3\frac{1}{4}$	4	$2\frac{1}{4}$
0	$10\frac{1}{8}$	2	$10\frac{1}{4}$	1	$0\frac{3}{4}$	3	$6\frac{3}{8}$	1	$3\frac{3}{8}$	4	$2\frac{5}{8}$
0	$10\frac{1}{4}$	2	$10\frac{1}{2}$-$\frac{1}{16}$	1	$0\frac{7}{8}$	3	$6\frac{3}{4}$-$\frac{1}{16}$	1	$3\frac{1}{2}$	4	$3\frac{1}{16}$
0	$10\frac{3}{8}$	2	$10\frac{7}{8}$-$\frac{1}{16}$	1	1	3	$7\frac{1}{8}$-$\frac{1}{16}$	1	$3\frac{5}{8}$	4	$3\frac{3}{8}$-$\frac{1}{16}$
0	$10\frac{1}{2}$	2	$11\frac{1}{4}$-$\frac{1}{16}$	1	$1\frac{1}{8}$	3	$7\frac{1}{2}$-$\frac{1}{16}$	1	$3\frac{3}{4}$	4	$3\frac{3}{4}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	$3\frac{7}{8}$	4	$4\frac{1}{8}-\frac{1}{16}$	1	$7\frac{1}{4}$	5	$2\frac{3}{4}-\frac{1}{16}$	1	$10\frac{5}{8}$	6	$1\frac{3}{8}$
1	4	4	$4\frac{1}{2}-\frac{1}{16}$	1	$7\frac{3}{8}$	5	$3\frac{1}{8}-\frac{1}{16}$	1	$10\frac{3}{4}$	6	$1\frac{3}{4}-\frac{1}{16}$
1	$4\frac{1}{8}$	4	5	1	$7\frac{1}{2}$	5	$3\frac{1}{2}-\frac{1}{16}$	1	$10\frac{7}{8}$	6	$2\frac{1}{8}-\frac{1}{16}$
1	$4\frac{1}{4}$	4	$5\frac{3}{8}$	1	$7\frac{5}{8}$	5	4	1	11	6	$2\frac{1}{2}-\frac{1}{16}$
1	$4\frac{3}{8}$	4	$5\frac{3}{4}$	1	$7\frac{3}{4}$	5	$4\frac{3}{8}$	1	$11\frac{1}{8}$	6	3
1	$4\frac{1}{2}$	4	$6\frac{1}{8}-\frac{1}{16}$	1	$7\frac{7}{8}$	5	$4\frac{3}{4}$	1	$11\frac{1}{4}$	6	$3\frac{3}{8}$
1	$4\frac{5}{8}$	4	$6\frac{1}{2}-\frac{1}{16}$	1	8	5	$5\frac{1}{8}-\frac{1}{16}$	1	$11\frac{3}{8}$	6	$3\frac{3}{4}$
1	$4\frac{3}{4}$	4	$6\frac{7}{8}-\frac{1}{16}$	1	$8\frac{1}{8}$	5	$5\frac{1}{2}-\frac{1}{16}$	1	$11\frac{1}{2}$	6	$4\frac{1}{8}$
1	$4\frac{7}{8}$	4	$7\frac{1}{4}-\frac{1}{16}$	1	$8\frac{1}{4}$	5	$5\frac{7}{8}-\frac{1}{16}$	1	$11\frac{5}{8}$	6	$4\frac{1}{2}-\frac{1}{16}$
1	5	4	$7\frac{3}{4}$	1	$8\frac{3}{8}$	5	$6\frac{1}{4}-\frac{1}{16}$	1	$11\frac{3}{4}$	6	$4\frac{7}{8}-\frac{1}{16}$
1	$5\frac{1}{8}$	4	$8\frac{1}{8}$	1	$8\frac{1}{2}$	5	$6\frac{3}{4}$	1	$11\frac{7}{8}$	6	$5\frac{1}{4}-\frac{1}{16}$
1	$5\frac{1}{4}$	4	$8\frac{1}{2}$	1	$8\frac{5}{8}$	5	$7\frac{1}{8}$	2	0	6	$5\frac{3}{4}$
1	$5\frac{3}{8}$	4	$8\frac{7}{8}\ \frac{1}{16}$	1	$8\frac{3}{4}$	5	$7\frac{1}{2}$	2	$0\frac{1}{8}$	6	$6\frac{1}{8}$
1	$5\frac{1}{2}$	4	$9\frac{1}{4}-\frac{1}{16}$	1	$8\frac{7}{8}$	5	$7\frac{7}{8}$	2	$0\frac{1}{4}$	6	$6\frac{1}{2}$
1	$5\frac{5}{8}$	4	$9\frac{5}{8}-\frac{1}{16}$	1	9	5	$8\frac{1}{4}-\frac{1}{16}$	2	$0\frac{3}{8}$	6	$6\frac{7}{8}-\frac{1}{16}$
1	$5\frac{3}{4}$	4	$10\frac{1}{16}$	1	$9\frac{1}{8}$	5	$8\frac{5}{8}-\frac{1}{16}$	2	$0\frac{1}{2}$	6	$7\frac{1}{4}-\frac{1}{16}$
1	$5\frac{7}{8}$	4	$10\frac{1}{2}$	1	$9\frac{1}{4}$	5	$9\frac{1}{16}$	2	$0\frac{5}{8}$	6	$7\frac{3}{4}$
1	6	4	$10\frac{7}{8}$	1	$9\frac{3}{8}$	5	$9\frac{1}{2}$	2	$0\frac{3}{4}$	6	$8\frac{1}{8}$
1	$6\frac{1}{8}$	4	$11\frac{1}{4}$	1	$9\frac{1}{2}$	5	$9\frac{7}{8}$	2	$0\frac{7}{8}$	6	$8\frac{1}{2}$
1	$6\frac{1}{4}$	4	$11\frac{5}{8}-\frac{1}{16}$	1	$9\frac{5}{8}$	5	$10\frac{1}{4}$	2	1	6	$8\frac{7}{8}$
1	$6\frac{3}{8}$	5	$0\frac{1}{16}$	1	$9\frac{3}{4}$	5	$10\frac{5}{8}$	2	$1\frac{1}{8}$	6	$9\frac{1}{4}$
1	$6\frac{1}{2}$	5	$0\frac{3}{8}-\frac{1}{16}$	1	$9\frac{7}{8}$	5	$11\frac{1}{16}$	2	$1\frac{1}{4}$	6	$9\frac{5}{8}-\frac{1}{16}$
1	$6\frac{5}{8}$	5	$0\frac{3}{4}-\frac{1}{16}$	1	10	5	$11\frac{3}{8}-\frac{1}{16}$	2	$1\frac{3}{8}$	6	$10\frac{1}{16}$
1	$6\frac{3}{4}$	5	$1\frac{1}{4}$	1	$10\frac{1}{8}$	5	$11\frac{3}{4}-\frac{1}{16}$	2	$1\frac{1}{2}$	6	$10\frac{3}{8}-\frac{1}{16}$
1	$6\frac{7}{8}$	5	$1\frac{5}{8}$	1	$10\frac{1}{4}$	6	$0\frac{1}{4}$	2	$1\frac{5}{8}$	6	$10\frac{3}{4}-\frac{1}{16}$
1	7	5	2	1	$10\frac{3}{8}$	6	$0\frac{5}{8}$	2	$1\frac{3}{4}$	6	$11\frac{1}{4}$
1	$7\frac{1}{8}$	5	$2\frac{3}{8}-\frac{1}{16}$	1	$10\frac{1}{2}$	6	1	2	$1\frac{7}{8}$	6	$11\frac{5}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{1}{2}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	0	3	$4\frac{3}{4}-\frac{1}{16}$	1	$0\frac{3}{8}$	3	6	1	$0\frac{3}{4}$	3	$7\frac{1}{8}-\frac{1}{16}$
1	$0\frac{1}{8}$	3	$5\frac{1}{8}-\frac{1}{16}$	1	$0\frac{1}{2}$	3	$6\frac{3}{8}$	1	$0\frac{7}{8}$	3	$7\frac{1}{2}-\frac{1}{16}$
1	$0\frac{1}{4}$	3	$5\frac{1}{2}-\frac{1}{16}$	1	$0\frac{5}{8}$	3	$6\frac{3}{4}-\frac{1}{16}$	1	1	3	$7\frac{7}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{1}{2}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	$1\frac{1}{8}$	3	$8\frac{1}{4}-\frac{1}{16}$	1	$5\frac{1}{2}$	4	$10\frac{1}{16}$	1	$9\frac{7}{8}$	5	$11\frac{3}{4}-\frac{1}{16}$
1	$1\frac{1}{4}$	3	$8\frac{3}{4}$	1	$5\frac{5}{8}$	4	$10\frac{1}{2}$	1	10	6	$0\frac{1}{4}$
1	$1\frac{3}{8}$	3	$9\frac{1}{8}$	1	$5\frac{3}{4}$	4	$10\frac{7}{8}$	1	$10\frac{1}{8}$	6	$0\frac{5}{8}$
1	$1\frac{1}{2}$	3	$9\frac{1}{2}-\frac{1}{16}$	1	$5\frac{7}{8}$	4	$11\frac{1}{4}$	1	$10\frac{1}{4}$	6	1
1	$1\frac{5}{8}$	3	$9\frac{7}{8}-\frac{1}{16}$	1	6	4	$11\frac{5}{8}-\frac{1}{16}$	1	$10\frac{3}{8}$	6	$1\frac{3}{8}$
1	$1\frac{3}{4}$	3	$10\frac{1}{4}-\frac{1}{16}$	1	$6\frac{1}{8}$	5	$0\frac{1}{16}$	1	$10\frac{1}{2}$	6	$1\frac{3}{4}-\frac{1}{16}$
1	$1\frac{7}{8}$	3	$10\frac{5}{8}-\frac{1}{16}$	1	$6\frac{1}{4}$	5	$0\frac{3}{8}-\frac{1}{16}$	1	$10\frac{5}{8}$	6	$2\frac{1}{8}-\frac{1}{16}$
1	2	3	$11\frac{1}{16}$	1	$6\frac{3}{8}$	5	$0\frac{3}{4}-\frac{1}{16}$	1	$10\frac{3}{4}$	6	$2\frac{1}{2}-\frac{1}{16}$
1	$2\frac{1}{8}$	3	$11\frac{1}{2}$	1	$6\frac{1}{2}$	5	$1\frac{1}{4}$	1	$10\frac{7}{8}$	6	3
1	$2\frac{1}{4}$	3	$11\frac{7}{8}$	1	$6\frac{5}{8}$	5	$1\frac{5}{8}$	1	11	6	$3\frac{3}{8}$
1	$2\frac{3}{8}$	4	$0\frac{1}{4}$	1	$6\frac{3}{4}$	5	2	1	$11\frac{1}{8}$	6	$3\frac{3}{4}$
1	$2\frac{1}{2}$	4	$0\frac{5}{8}-\frac{1}{16}$	1	$6\frac{7}{8}$	5	$2\frac{3}{8}-\frac{1}{16}$	1	$11\frac{1}{4}$	6	$4\frac{1}{8}$
1	$2\frac{5}{8}$	4	$1\frac{1}{16}$	1	7	5	$2\frac{3}{4}\frac{1}{16}$	1	$11\frac{3}{8}$	6	$4\frac{1}{2}-\frac{1}{16}$
1	$2\frac{3}{4}$	4	$1\frac{3}{8}-\frac{1}{16}$	1	$7\frac{1}{8}$	5	$3\frac{1}{8}-\frac{1}{16}$	1	$11\frac{1}{2}$	6	$4\frac{7}{8}-\frac{1}{16}$
1	$2\frac{7}{8}$	4	$1\frac{3}{4}-\frac{1}{16}$	1	$7\frac{1}{4}$	5	$3\frac{1}{2}-\frac{1}{16}$	1	$11\frac{5}{8}$	6	$5\frac{1}{4}-\frac{1}{16}$
1	3	4	$2\frac{1}{4}$	1	$7\frac{3}{8}$	5	4	1	$11\frac{3}{4}$	6	$5\frac{3}{4}$
1	$3\frac{1}{8}$	4	$2\frac{5}{8}$	1	$7\frac{1}{2}$	5	$4\frac{3}{8}$	1	$11\frac{7}{8}$	6	$6\frac{1}{8}$
1	$3\frac{1}{4}$	4	$3\frac{1}{16}$	1	$7\frac{5}{8}$	5	$4\frac{3}{4}$	2	0	6	$6\frac{1}{2}$
1	$3\frac{3}{8}$	4	$3\frac{3}{8}-\frac{1}{16}$	1	$7\frac{3}{4}$	5	$5\frac{1}{8}-\frac{1}{16}$	2	$0\frac{1}{8}$	6	$6\frac{7}{8}-\frac{1}{16}$
1	$3\frac{1}{2}$	4	$3\frac{3}{4}-\frac{1}{16}$	1	$7\frac{7}{8}$	5	$5\frac{1}{2}-\frac{1}{16}$	2	$0\frac{1}{4}$	6	$7\frac{1}{4}-\frac{1}{16}$
1	$3\frac{5}{8}$	4	$4\frac{1}{8}-\frac{1}{16}$	1	8	5	$5\frac{7}{8}-\frac{1}{16}$	2	$0\frac{3}{8}$	6	$7\frac{3}{4}$
1	$3\frac{3}{4}$	4	$4\frac{1}{2}-\frac{1}{16}$	1	$8\frac{1}{8}$	5	$6\frac{1}{4}-\frac{1}{16}$	2	$0\frac{1}{2}$	6	$8\frac{1}{8}$
1	$3\frac{7}{8}$	4	5	1	$8\frac{1}{4}$	5	$6\frac{3}{4}$	2	$0\frac{5}{8}$	6	$8\frac{1}{2}$
1	4	4	$5\frac{3}{8}$	1	$8\frac{3}{8}$	5	$7\frac{1}{8}$	2	$0\frac{3}{4}$	6	$8\frac{7}{8}$
1	$4\frac{1}{8}$	4	$5\frac{3}{4}$	1	$8\frac{1}{2}$	5	$7\frac{1}{2}$	2	$0\frac{7}{8}$	6	$9\frac{1}{4}$
1	$4\frac{1}{4}$	4	$6\frac{1}{8}-\frac{1}{16}$	1	$8\frac{5}{8}$	5	$7\frac{7}{8}$	2	1	6	$9\frac{5}{8}-\frac{1}{16}$
1	$4\frac{3}{8}$	4	$6\frac{1}{2}-\frac{1}{16}$	1	$8\frac{3}{4}$	5	$8\frac{1}{4}-\frac{1}{16}$	2	$1\frac{1}{8}$	6	$10\frac{1}{16}$
1	$4\frac{1}{2}$	4	$6\frac{7}{8}-\frac{1}{16}$	1	$8\frac{7}{8}$	5	$8\frac{5}{8}-\frac{1}{16}$	2	$1\frac{1}{4}$	6	$10\frac{3}{8}-\frac{1}{16}$
1	$4\frac{5}{8}$	4	$7\frac{1}{4}-\frac{1}{16}$	1	9	5	$9\frac{1}{16}$	2	$1\frac{3}{8}$	6	$10\frac{3}{4}-\frac{1}{16}$
1	$4\frac{3}{4}$	4	$7\frac{3}{4}$	1	$9\frac{1}{8}$	5	$9\frac{1}{2}$	2	$1\frac{1}{2}$	6	$11\frac{1}{4}$
1	$4\frac{7}{8}$	4	$8\frac{1}{8}$	1	$9\frac{1}{4}$	5	$9\frac{7}{8}$	2	$1\frac{5}{8}$	6	$11\frac{5}{8}$
1	5	4	$8\frac{1}{2}$	1	$9\frac{3}{8}$	5	$10\frac{1}{4}$	2	$1\frac{3}{4}$	7	0
1	$5\frac{1}{8}$	4	$8\frac{7}{8}-\frac{1}{16}$	1	$9\frac{1}{2}$	5	$10\frac{5}{8}$	2	$1\frac{7}{8}$	7	$0\frac{3}{8}-\frac{1}{16}$
1	$5\frac{1}{4}$	4	$9\frac{1}{4}-\frac{1}{16}$	1	$9\frac{5}{8}$	5	$11\frac{1}{16}$	2	2	7	$0\frac{3}{4}-\frac{1}{16}$
1	$5\frac{3}{8}$	4	$9\frac{5}{8}-\frac{1}{16}$	1	$9\frac{3}{4}$	5	$11\frac{3}{8}-\frac{1}{16}$	2	$2\frac{1}{8}$	7	$1\frac{1}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{1}{2}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
2	$2\frac{1}{4}$	7	$1\frac{1}{2}-\frac{1}{16}$	2	$6\frac{5}{8}$	8	$3\frac{3}{8}$	2	11	9	$5-\frac{1}{16}$
2	$2\frac{3}{8}$	7	2	2	$6\frac{3}{4}$	8	$3\frac{3}{4}$	2	$11\frac{1}{8}$	9	$5\frac{1}{2}$
2	$2\frac{1}{2}$	7	$2\frac{3}{8}$	2	$6\frac{7}{8}$	8	$4\frac{1}{8}$	2	$11\frac{1}{4}$	9	$5\frac{7}{8}$
2	$2\frac{5}{8}$	7	$2\frac{3}{4}$	2	7	8	$4\frac{1}{2}$	2	$11\frac{3}{8}$	9	$6\frac{1}{4}-\frac{1}{16}$
2	$2\frac{3}{4}$	7	$3\frac{1}{8}$	2	$7\frac{1}{8}$	8	$4\frac{7}{8}$	2	$11\frac{1}{2}$	9	$6\frac{5}{8}-\frac{1}{16}$
2	$2\frac{7}{8}$	7	$3\frac{1}{2}-\frac{1}{16}$	2	$7\frac{1}{4}$	8	$5\frac{1}{4}-\frac{1}{16}$	2	$11\frac{5}{8}$	9	$7\frac{1}{16}$
2	3	7	$3\frac{7}{8}-\frac{1}{16}$	2	$7\frac{3}{8}$	8	$5\frac{5}{8}-\frac{1}{16}$	2	$11\frac{3}{4}$	9	$7\frac{3}{8}-\frac{1}{16}$
2	$3\frac{1}{8}$	7	$4\frac{1}{4}-\frac{1}{16}$	2	$7\frac{1}{2}$	8	$6\frac{1}{16}$	2	$11\frac{7}{8}$	9	$7\frac{3}{4}-\frac{1}{16}$
2	$3\frac{1}{4}$	7	$4\frac{3}{4}$	2	$7\frac{5}{8}$	8	$6\frac{1}{2}$	3	0	9	$8\frac{1}{8}-\frac{1}{16}$
2	$3\frac{3}{8}$	7	$5\frac{1}{8}$	2	$7\frac{3}{4}$	8	$6\frac{7}{8}$	3	$0\frac{1}{8}$	9	$8\frac{1}{2}-\frac{1}{16}$
2	$3\frac{1}{2}$	7	$5\frac{1}{2}$	2	$7\frac{7}{8}$	8	$7\frac{1}{4}-\frac{1}{16}$	3	$0\frac{1}{4}$	9	9
2	$3\frac{5}{8}$	7	$5\frac{7}{8}$	2	8	8	$7\frac{5}{8}-\frac{1}{16}$	3	$0\frac{3}{8}$	9	$9\frac{3}{8}$
2	$3\frac{3}{4}$	7	$6\frac{1}{4}-\frac{1}{16}$	2	$8\frac{1}{8}$	8	$8\frac{1}{16}$	3	$0\frac{1}{2}$	9	$9\frac{3}{4}-\frac{1}{16}$
2	$3\frac{7}{8}$	7	$6\frac{5}{8}-\frac{1}{16}$	2	$8\frac{1}{4}$	8	$8\frac{1}{2}$	3	$0\frac{5}{8}$	9	$10\frac{1}{8}-\frac{1}{16}$
2	4	7	$7\frac{1}{16}$	2	$8\frac{3}{8}$	8	$8\frac{7}{8}$	3	$0\frac{3}{4}$	9	$10\frac{1}{2}-\frac{1}{16}$
2	$4\frac{1}{8}$	7	$7\frac{3}{8}-\frac{1}{16}$	2	$8\frac{1}{2}$	8	$9\frac{1}{8}-\frac{1}{16}$	3	$0\frac{7}{8}$	9	11
2	$4\frac{1}{4}$	7	$7\frac{7}{8}$	2	$8\frac{5}{8}$	8	$9\frac{1}{2}-\frac{1}{16}$	3	1	9	$11\frac{3}{8}$
2	$4\frac{3}{8}$	7	$8\frac{1}{4}$	2	$8\frac{3}{4}$	8	10	3	$1\frac{1}{8}$	9	$11\frac{3}{4}-\frac{1}{16}$
2	$4\frac{1}{2}$	7	$8\frac{5}{8}$	2	$8\frac{7}{8}$	8	$10\frac{3}{8}$	3	$1\frac{1}{4}$	10	$0\frac{1}{8}-\frac{1}{16}$
2	$4\frac{5}{8}$	7	$9\frac{1}{16}$	2	9	8	$10\frac{3}{4}-\frac{1}{16}$	3	$1\frac{3}{8}$	10	$0\frac{1}{2}-\frac{1}{16}$
2	$4\frac{3}{4}$	7	$9\frac{3}{8}-\frac{1}{16}$	2	$9\frac{1}{8}$	8	$11\frac{1}{8}-\frac{1}{16}$	3	$1\frac{1}{2}$	10	1
2	$4\frac{7}{8}$	7	$9\frac{3}{4}-\frac{1}{16}$	2	$9\frac{1}{4}$	8	$11\frac{5}{8}$	3	$1\frac{5}{8}$	10	$1\frac{3}{8}$
2	5	7	$10\frac{1}{4}$	2	$9\frac{3}{8}$	9	0	3	$1\frac{3}{4}$	10	$1\frac{3}{4}$
2	$5\frac{1}{8}$	7	$10\frac{5}{8}$	2	$9\frac{1}{2}$	9	$0\frac{3}{8}$	3	$1\frac{7}{8}$	10	$2\frac{1}{8}$
2	$5\frac{1}{4}$	7	11	2	$9\frac{5}{8}$	9	$0\frac{3}{4}-\frac{1}{16}$	3	2	10	$2\frac{1}{2}$
2	$5\frac{3}{8}$	7	$11\frac{3}{8}$	2	$9\frac{3}{4}$	9	$1\frac{1}{8}-\frac{1}{16}$	3	$2\frac{1}{8}$	10	$2\frac{7}{8}$
2	$5\frac{1}{2}$	7	$11\frac{3}{4}-\frac{1}{16}$	2	$9\frac{7}{8}$	9	$1\frac{5}{8}$	3	$2\frac{1}{4}$	10	$3\frac{1}{4}-\frac{1}{16}$
2	$5\frac{5}{8}$	8	$0\frac{1}{8}-\frac{1}{16}$	2	10	9	2	3	$2\frac{3}{8}$	10	$3\frac{5}{8}-\frac{1}{16}$
2	$5\frac{3}{4}$	8	$0\frac{1}{2}-\frac{1}{16}$	2	$10\frac{1}{8}$	9	$2\frac{3}{8}$	3	$2\frac{1}{2}$	10	$4\frac{1}{8}$
2	$5\frac{7}{8}$	8	1	2	$10\frac{1}{4}$	9	$2\frac{3}{4}$	3	$2\frac{5}{8}$	10	$4\frac{1}{2}$
2	6	8	$1\frac{3}{8}$	2	$10\frac{3}{8}$	9	$3\frac{1}{8}$	3	$2\frac{3}{4}$	10	$4\frac{7}{8}$
2	$6\frac{1}{8}$	8	$1\frac{3}{4}-\frac{1}{16}$	2	$10\frac{1}{2}$	9	$3\frac{1}{2}$	3	$2\frac{7}{8}$	10	$5\frac{1}{4}-\frac{1}{16}$
2	$6\frac{1}{4}$	8	$2\frac{1}{8}-\frac{1}{16}$	2	$10\frac{5}{8}$	9	$3\frac{7}{8}$	3	3	10	$5\frac{5}{8}-\frac{1}{16}$
2	$6\frac{3}{8}$	8	$2\frac{1}{2}-\frac{1}{16}$	2	$10\frac{3}{4}$	9	$4\frac{1}{4}-\frac{1}{16}$	3	$3\frac{1}{8}$	10	$6\frac{1}{16}$
2	$6\frac{1}{2}$	8	3	2	$10\frac{7}{8}$	9	$4\frac{5}{8}-\frac{1}{16}$	3	$3\frac{1}{4}$	10	$6\frac{3}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{1}{2}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	$3\frac{3}{8}$	10	$6\frac{3}{4}-\frac{1}{16}$	3	$7\frac{3}{4}$	11	$8\frac{1}{2}-\frac{1}{16}$	4	$0\frac{1}{8}$	12	$10\frac{1}{4}-\frac{1}{16}$
3	$3\frac{1}{2}$	10	$7\frac{1}{8}-\frac{1}{16}$	3	$7\frac{7}{8}$	11	9	4	$0\frac{1}{4}$	12	$10\frac{5}{8}-\frac{1}{16}$
3	$3\frac{5}{8}$	10	$7\frac{5}{8}$	3	8	11	$9\frac{3}{8}$	4	$0\frac{3}{8}$	12	$11\frac{1}{16}$
3	$3\frac{3}{4}$	10	8	3	$8\frac{1}{8}$	11	$9\frac{3}{4}-\frac{1}{16}$	4	$0\frac{1}{2}$	12	$11\frac{1}{2}$
3	$3\frac{7}{8}$	10	$8\frac{3}{8}$	3	$8\frac{1}{4}$	11	$10\frac{1}{8}-\frac{1}{16}$	4	$0\frac{5}{8}$	12	$11\frac{7}{8}$
3	4	10	$8\frac{3}{4}-\frac{1}{16}$	3	$8\frac{3}{8}$	11	$10\frac{1}{2}-\frac{1}{16}$	4	$0\frac{3}{4}$	13	$0\frac{1}{4}-\frac{1}{16}$
3	$4\frac{1}{8}$	10	$9\frac{1}{8}-\frac{1}{16}$	3	$8\frac{1}{2}$	11	$10\frac{7}{8}-\frac{1}{16}$	4	$0\frac{7}{8}$	13	$0\frac{5}{8}-\frac{1}{16}$
3	$4\frac{1}{4}$	10	$9\frac{5}{8}$	3	$8\frac{5}{8}$	11	$11\frac{1}{4}-\frac{1}{16}$	4	1	13	$1\frac{1}{16}$
3	$4\frac{3}{8}$	10	10	3	$8\frac{3}{4}$	11	$11\frac{5}{8}-\frac{1}{16}$	4	$1\frac{1}{8}$	13	$1\frac{1}{2}$
3	$4\frac{1}{2}$	10	$10\frac{3}{8}$	3	$8\frac{7}{8}$	12	$0\frac{1}{16}$	4	$1\frac{1}{4}$	13	$1\frac{7}{8}$
3	$4\frac{5}{8}$	10	$10\frac{3}{4}-\frac{1}{16}$	3	9	12	$0\frac{1}{2}$	4	$1\frac{3}{8}$	13	$2\frac{1}{4}-\frac{1}{16}$
3	$4\frac{3}{4}$	10	$11\frac{1}{8}-\frac{1}{16}$	3	$9\frac{1}{8}$	12	$0\frac{7}{8}$	4	$1\frac{1}{2}$	13	$2\frac{5}{8}-\frac{1}{16}$
3	$4\frac{7}{8}$	10	$11\frac{1}{2}-\frac{1}{16}$	3	$9\frac{1}{4}$	12	$1\frac{1}{4}-\frac{1}{16}$	4	$1\frac{5}{8}$	13	$3\frac{1}{16}$
3	5	10	$11\frac{7}{8}$	3	$9\frac{3}{8}$	12	$1\frac{5}{8}-\frac{1}{16}$	4	$1\frac{3}{4}$	13	$3\frac{3}{8}-\frac{1}{16}$
3	$5\frac{1}{8}$	11	$0\frac{1}{4}-\frac{1}{16}$	3	$9\frac{1}{2}$	12	$2\frac{1}{16}$	4	$1\frac{7}{8}$	13	$3\frac{3}{4}-\frac{1}{16}$
3	$5\frac{1}{4}$	11	$0\frac{3}{8}-\frac{1}{16}$	3	$9\frac{5}{8}$	12	$2\frac{1}{2}$	4	2	13	$4\frac{3}{8}-\frac{1}{16}$
3	$5\frac{3}{8}$	11	$1\frac{1}{16}$	3	$9\frac{3}{4}$	12	$2\frac{7}{8}$	4	$2\frac{1}{8}$	13	$4\frac{1}{2}-\frac{1}{16}$
3	$5\frac{1}{2}$	11	$1\frac{1}{2}$	3	$9\frac{7}{8}$	12	$3\frac{1}{4}-\frac{1}{16}$	4	$2\frac{1}{4}$	13	5
3	$5\frac{5}{8}$	11	$1\frac{7}{8}$	3	10	12	$3\frac{5}{8}-\frac{1}{16}$	4	$2\frac{3}{8}$	13	$5\frac{3}{8}$
3	$5\frac{3}{4}$	11	$2\frac{1}{4}-\frac{1}{16}$	3	$10\frac{1}{8}$	12	$4\frac{1}{16}$	4	$2\frac{1}{2}$	13	$5\frac{3}{4}-\frac{1}{16}$
3	$5\frac{7}{8}$	11	$2\frac{5}{8}-\frac{1}{16}$	3	$10\frac{1}{4}$	12	$4\frac{3}{8}-\frac{1}{16}$	4	$2\frac{5}{8}$	13	$6\frac{1}{8}-\frac{1}{16}$
3	6	11	$3\frac{1}{16}$	3	$10\frac{3}{8}$	12	$4\frac{3}{4}-\frac{1}{16}$	4	$2\frac{3}{4}$	13	$6\frac{1}{2}-\frac{1}{16}$
3	$6\frac{1}{8}$	11	$3\frac{1}{2}$	3	$10\frac{1}{2}$	12	$5\frac{1}{8}-\frac{1}{16}$	4	$2\frac{7}{8}$	13	7
3	$6\frac{1}{4}$	11	$3\frac{7}{8}$	3	$10\frac{5}{8}$	12	$5\frac{1}{2}-\frac{1}{16}$	4	3	13	$7\frac{3}{8}$
3	$6\frac{3}{8}$	11	$4\frac{1}{4}-\frac{1}{16}$	3	$10\frac{3}{4}$	12	6	4	$3\frac{1}{8}$	13	$7\frac{3}{4}$
3	$6\frac{1}{2}$	11	$4\frac{5}{8}-\frac{1}{16}$	3	$10\frac{7}{8}$	12	$6\frac{3}{8}$	4	$3\frac{1}{4}$	13	$8\frac{1}{8}$
3	$6\frac{5}{8}$	11	$5\frac{1}{16}$	3	11	12	$6\frac{3}{4}-\frac{1}{16}$	4	$3\frac{3}{8}$	13	$8\frac{1}{2}$
3	$6\frac{3}{4}$	11	$5\frac{3}{8}\frac{1}{16}$	3	$11\frac{1}{8}$	12	$7\frac{1}{8}-\frac{1}{16}$	4	$3\frac{1}{2}$	13	$8\frac{7}{8}$
3	$6\frac{7}{8}$	11	$5\frac{3}{4}-\frac{1}{16}$	3	$11\frac{1}{4}$	12	$7\frac{1}{2}-\frac{1}{16}$	4	$3\frac{5}{8}$	13	$9\frac{1}{4}-\frac{1}{16}$
3	7	11	$6\frac{1}{8}-\frac{1}{16}$	3	$11\frac{3}{8}$	12	8	4	$3\frac{3}{4}$	13	$9\frac{5}{8}-\frac{1}{16}$
3	$7\frac{1}{8}$	11	$6\frac{1}{2}-\frac{1}{16}$	3	$11\frac{1}{2}$	12	$8\frac{3}{8}$	4	$3\frac{7}{8}$	13	$10\frac{1}{16}$
3	$7\frac{1}{4}$	11	7	3	$11\frac{5}{8}$	12	$8\frac{3}{4}-\frac{1}{16}$	4	4	13	$10\frac{1}{2}$
3	$7\frac{3}{8}$	11	$7\frac{3}{8}$	3	$11\frac{3}{4}$	12	$9\frac{1}{8}-\frac{1}{16}$	4	$4\frac{1}{8}$	13	$10\frac{7}{8}$
3	$7\frac{1}{2}$	11	$7\frac{3}{4}-\frac{1}{16}$	3	$11\frac{7}{8}$	12	$9\frac{1}{2}-\frac{1}{16}$	4	$4\frac{1}{4}$	13	$11\frac{1}{4}-\frac{1}{16}$
3	$7\frac{5}{8}$	11	$8\frac{1}{8}-\frac{1}{16}$	4	0	12	$9\frac{7}{8}$	4	$4\frac{3}{8}$	13	$11\frac{5}{8}-\frac{1}{16}$

Diagonal Measurement at the Root, $\frac{1}{2}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In	Ft.	In.	Ft.	In.	Ft.	In.
4	$4\frac{1}{2}$	14	$0\frac{1}{16}$	4	7	14	$7\frac{7}{8}$	4	$9\frac{1}{2}$	15	$3\frac{3}{4}-\frac{1}{16}$
4	$4\frac{5}{8}$	14	$0\frac{1}{2}$	4	$7\frac{1}{8}$	14	$8\frac{1}{4}-\frac{1}{16}$	4	$9\frac{5}{8}$	15	$4\frac{1}{8}-\frac{1}{16}$
4	$4\frac{3}{4}$	14	$0\frac{7}{8}$	4	$7\frac{1}{4}$	14	$8\frac{5}{8}-\frac{1}{16}$	4	$9\frac{3}{4}$	15	$4\frac{1}{2}-\frac{1}{16}$
4	$4\frac{7}{8}$	14	$1\frac{1}{4}$	4	$7\frac{3}{8}$	14	$9\frac{1}{8}$	4	$9\frac{7}{8}$	15	5
4	5	14	$1\frac{5}{8}$	4	$7\frac{1}{2}$	14	$9\frac{1}{2}$	4	10	15	$5\frac{3}{8}$
4	$5\frac{1}{8}$	14	2	4	$7\frac{5}{8}$	14	$9\frac{7}{8}$	4	$10\frac{1}{8}$	15	$5\frac{3}{4}$
4	$5\frac{1}{4}$	14	$2\frac{3}{8}$	4	$7\frac{3}{4}$	14	$10\frac{1}{4}$	4	$10\frac{1}{4}$	15	$6\frac{1}{8}$
4	$5\frac{3}{8}$	14	$2\frac{3}{4}-\frac{1}{16}$	4	$7\frac{7}{8}$	14	$10\frac{5}{8}-\frac{1}{16}$	4	$10\frac{3}{8}$	15	$6\frac{1}{2}$
4	$5\frac{1}{2}$	14	$3\frac{1}{8}-\frac{1}{16}$	4	8	14	$11\frac{1}{8}$	4	$10\frac{1}{2}$	15	$6\frac{7}{8}$
4	$5\frac{5}{8}$	14	$3\frac{1}{2}-\frac{1}{16}$	4	$8\frac{1}{8}$	14	$11\frac{1}{2}$	4	$10\frac{5}{8}$	15	$7\frac{1}{4}-\frac{1}{16}$
4	$5\frac{3}{4}$	14	4	4	$8\frac{1}{4}$	14	$11\frac{7}{8}$	4	$10\frac{3}{4}$	15	$7\frac{5}{8}-\frac{1}{16}$
4	$5\frac{7}{8}$	14	$4\frac{3}{8}$	4	$8\frac{3}{8}$	15	$0\frac{1}{4}$	4	$10\frac{7}{8}$	15	$8\frac{1}{8}$
4	6	14	$4\frac{3}{4}-\frac{1}{16}$	4	$8\frac{1}{2}$	15	$0\frac{5}{8}$	4	11	15	$8\frac{1}{4}$
4	$6\frac{1}{8}$	14	$5\frac{1}{8}-\frac{1}{16}$	4	$8\frac{5}{8}$	15	1	4	$11\frac{1}{8}$	15	$8\frac{7}{8}$
4	$6\frac{1}{4}$	14	$5\frac{1}{2}-\frac{1}{16}$	4	$8\frac{3}{4}$	15	$1\frac{3}{8}$	4	$11\frac{1}{4}$	15	$9\frac{1}{4}-\frac{1}{16}$
4	$6\frac{3}{8}$	14	6	4	$8\frac{7}{8}$	15	$1\frac{3}{4}-\frac{1}{16}$	4	$11\frac{3}{8}$	15	$9\frac{5}{8}-\frac{1}{16}$
4	$6\frac{1}{2}$	14	$6\frac{3}{8}$	4	9	15	$2\frac{1}{8}-\frac{1}{16}$	4	$11\frac{1}{2}$	15	$10\frac{1}{16}$
4	$6\frac{5}{8}$	14	$6\frac{3}{4}$	4	$9\frac{1}{8}$	15	$2\frac{1}{2}-\frac{1}{16}$	4	$11\frac{5}{8}$	15	$10\frac{1}{2}$
4	$6\frac{3}{4}$	14	$7\frac{1}{8}$	4	$9\frac{1}{4}$	15	3	4	$11\frac{3}{4}$	15	$10\frac{7}{8}$
4	$6\frac{7}{8}$	14	$7\frac{1}{2}$	4	$9\frac{3}{8}$	15	$3\frac{3}{8}$	4	$11\frac{7}{8}$	15	$11\frac{1}{4}$

Diagonal Measurement at the Root, $\frac{5}{8}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In	Ft.	In.
1	0	3	$5\frac{1}{2}-\frac{1}{16}$	1	1	3	$8\frac{3}{4}$	1	2	3	$11\frac{7}{8}$
1	$0\frac{1}{8}$	3	6	1	$1\frac{1}{8}$	3	$9\frac{1}{8}$	1	$2\frac{1}{8}$	4	$0\frac{1}{4}$
1	$0\frac{1}{4}$	3	$6\frac{3}{8}$	1	$1\frac{1}{4}$	3	$9\frac{1}{2}-\frac{1}{16}$	1	$2\frac{1}{4}$	4	$0\frac{5}{8}-\frac{1}{16}$
1	$0\frac{3}{8}$	3	$6\frac{3}{4}-\frac{1}{16}$	1	$1\frac{3}{8}$	3	$9\frac{7}{8}-\frac{1}{16}$	1	$2\frac{3}{8}$	4	$1\frac{1}{16}$
1	$0\frac{1}{2}$	3	$7\frac{1}{8}-\frac{1}{16}$	1	$1\frac{1}{2}$	3	$10\frac{1}{4}-\frac{1}{16}$	1	$2\frac{1}{2}$	4	$1\frac{3}{8}-\frac{1}{16}$
1	$0\frac{5}{8}$	3	$7\frac{1}{2}-\frac{1}{4}$	1	$1\frac{5}{8}$	3	$10\frac{5}{8}-\frac{1}{16}$	1	$2\frac{5}{8}$	4	$1\frac{3}{4}-\frac{1}{16}$
1	$0\frac{3}{4}$	3	$7\frac{7}{8}-\frac{1}{16}$	1	$1\frac{3}{4}$	3	$11\frac{1}{16}$	1	$2\frac{3}{4}$	4	$2\frac{1}{4}$
1	$0\frac{7}{8}$	3	$8\frac{1}{4}-\frac{1}{16}$	1	$1\frac{7}{8}$	3	$11\frac{1}{2}$	1	$2\frac{7}{8}$	4	$2\frac{5}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In	Ft.	In.
1	3	4	$3\frac{1}{16}$	1	$7\frac{3}{8}$	5	$4\frac{3}{4}$	1	$11\frac{3}{4}$	6	$6\frac{1}{2}$
1	$3\frac{1}{8}$	4	$3\frac{3}{8}-\frac{1}{16}$	1	$7\frac{1}{2}$	5	$5\frac{1}{8}-\frac{1}{16}$	1	$11\frac{7}{8}$	6	$6\frac{5}{8}-\frac{1}{16}$
1	$3\frac{1}{4}$	4	$3\frac{3}{4}-\frac{1}{16}$	1	$7\frac{5}{8}$	5	$5\frac{1}{2}-\frac{1}{16}$	2	0	6	$7\frac{1}{4}-\frac{1}{16}$
1	$3\frac{3}{8}$	4	$4\frac{1}{8}-\frac{1}{16}$	1	$7\frac{3}{4}$	5	$5\frac{7}{8}-\frac{1}{16}$	2	$0\frac{1}{8}$	6	$7\frac{3}{4}$
1	$3\frac{1}{2}$	4	$4\frac{1}{2}-\frac{1}{16}$	1	$7\frac{7}{8}$	5	$6\frac{1}{4}-\frac{1}{16}$	2	$0\frac{1}{4}$	6	$8\frac{1}{8}$
1	$3\frac{5}{8}$	4	5	1	8	5	$6\frac{3}{4}$	2	$0\frac{3}{8}$	6	$8\frac{1}{2}$
1	$3\frac{3}{4}$	4	$5\frac{3}{8}$	1	$8\frac{1}{8}$	5	$7\frac{1}{8}$	2	$0\frac{1}{2}$	6	$8\frac{7}{8}$
1	$3\frac{7}{8}$	4	$5\frac{3}{4}$	1	$8\frac{1}{4}$	5	$7\frac{1}{2}$	2	$0\frac{5}{8}$	6	$9\frac{1}{4}$
1	4	4	$6\frac{1}{8}-\frac{1}{16}$	1	$8\frac{3}{8}$	5	$7\frac{7}{8}$	2	$0\frac{3}{4}$	6	$9\frac{5}{8}-\frac{1}{16}$
1	$4\frac{1}{8}$	4	$6\frac{1}{2}-\frac{1}{16}$	1	$8\frac{1}{2}$	5	$8\frac{1}{4}-\frac{1}{16}$	2	$0\frac{7}{8}$	6	$10\frac{1}{16}$
1	$4\frac{1}{4}$	4	$6\frac{7}{8}-\frac{1}{16}$	1	$8\frac{5}{8}$	5	$8\frac{5}{8}-\frac{1}{16}$	2	1	6	$10\frac{3}{8}-\frac{1}{16}$
1	$4\frac{3}{8}$	4	$7\frac{1}{4}-\frac{1}{16}$	1	$8\frac{3}{4}$	5	$9\frac{1}{16}$	2	$1\frac{1}{8}$	6	$10\frac{3}{4}-\frac{1}{16}$
1	$4\frac{1}{2}$	4	$7\frac{3}{4}$	1	$8\frac{7}{8}$	5	$9\frac{1}{2}$	2	$1\frac{1}{4}$	6	$11\frac{1}{4}$
1	$4\frac{5}{8}$	4	$8\frac{1}{8}$	1	9	5	$9\frac{7}{8}$	2	$1\frac{3}{8}$	6	$11\frac{5}{8}$
1	$4\frac{3}{4}$	4	$8\frac{1}{2}$	1	$9\frac{1}{8}$	5	$10\frac{1}{4}$	2	$1\frac{1}{2}$	7	0
1	$4\frac{7}{8}$	4	$8\frac{7}{8}$	1	$9\frac{1}{4}$	5	$10\frac{5}{8}$	2	$1\frac{5}{8}$	7	$0\frac{3}{8}-\frac{1}{16}$
1	5	4	$9\frac{1}{4}-\frac{1}{16}$	1	$9\frac{3}{8}$	5	$11\frac{1}{16}$	2	$1\frac{3}{4}$	7	$0\frac{3}{4}-\frac{1}{16}$
1	$5\frac{1}{8}$	4	$9\frac{5}{8}-\frac{1}{16}$	1	$9\frac{1}{2}$	5	$11\frac{3}{8}-\frac{1}{16}$	2	$1\frac{7}{8}$	7	$1\frac{1}{8}-\frac{1}{16}$
1	$5\frac{1}{4}$	4	$10\frac{1}{16}$	1	$9\frac{5}{8}$	5	$11\frac{3}{4}-\frac{1}{16}$	2	2	7	$1\frac{1}{2}-\frac{1}{16}$
1	$5\frac{3}{8}$	4	$10\frac{1}{2}$	1	$9\frac{3}{4}$	6	$0\frac{1}{4}$	2	$2\frac{1}{8}$	7	2
1	$5\frac{1}{2}$	4	$10\frac{7}{8}$	1	$9\frac{7}{8}$	6	$0\frac{5}{8}$	2	$2\frac{1}{4}$	7	$2\frac{3}{8}$
1	$5\frac{5}{8}$	4	$11\frac{1}{4}$	1	10	6	1	2	$2\frac{3}{8}$	7	$2\frac{3}{4}$
1	$5\frac{3}{4}$	4	$11\frac{5}{8}-\frac{1}{16}$	1	$10\frac{1}{8}$	6	$1\frac{3}{8}$	2	$2\frac{1}{2}$	7	$3\frac{1}{8}$
1	$5\frac{7}{8}$	5	$0\frac{1}{16}$	1	$10\frac{1}{4}$	6	$1\frac{3}{4}-\frac{1}{16}$	2	$2\frac{5}{8}$	7	$3\frac{1}{2}-\frac{1}{16}$
1	6	5	$0\frac{3}{8}-\frac{1}{16}$	1	$10\frac{3}{8}$	6	$2\frac{1}{8}-\frac{1}{16}$	2	$2\frac{3}{4}$	7	$3\frac{7}{8}-\frac{1}{16}$
1	$6\frac{1}{8}$	5	$0\frac{3}{4}-\frac{1}{16}$	1	$10\frac{1}{2}$	6	$2\frac{1}{2}-\frac{1}{16}$	2	$2\frac{7}{8}$	7	$4\frac{1}{4}-\frac{1}{16}$
1	$6\frac{1}{4}$	5	$1\frac{1}{4}$	1	$10\frac{5}{8}$	6	3	2	3	7	$4\frac{3}{4}$
1	$6\frac{3}{8}$	5	$1\frac{5}{8}$	1	$10\frac{3}{4}$	6	$3\frac{3}{8}$	2	$3\frac{1}{8}$	7	$5\frac{1}{8}$
1	$6\frac{1}{2}$	5	2	1	$10\frac{7}{8}$	6	$3\frac{3}{4}$	2	$3\frac{1}{4}$	7	$5\frac{1}{2}$
1	$6\frac{5}{8}$	5	$2\frac{3}{8}-\frac{1}{16}$	1	11	6	$4\frac{1}{8}$	2	$3\frac{3}{8}$	7	$5\frac{7}{8}$
1	$6\frac{3}{4}$	5	$2\frac{3}{4}-\frac{1}{16}$	1	$11\frac{1}{8}$	6	$4\frac{1}{2}-\frac{1}{16}$	2	$3\frac{1}{2}$	7	$6\frac{1}{4}-\frac{1}{16}$
1	$6\frac{7}{8}$	5	$3\frac{1}{8}-\frac{1}{16}$	1	$11\frac{1}{4}$	6	$4\frac{7}{8}-\frac{1}{16}$	2	$3\frac{5}{8}$	7	$6\frac{5}{8}-\frac{1}{16}$
1	7	5	$3\frac{1}{2}-\frac{1}{16}$	1	$11\frac{3}{8}$	6	$5\frac{1}{4}-\frac{1}{16}$	2	$3\frac{3}{4}$	7	$7\frac{1}{16}$
1	$7\frac{1}{8}$	5	4	1	$11\frac{1}{2}$	6	$5\frac{3}{4}$	2	$3\frac{7}{8}$	7	$7\frac{3}{8}-\frac{1}{16}$
1	$7\frac{1}{4}$	5	$4\frac{3}{8}$	1	$11\frac{5}{8}$	6	$6\frac{1}{8}$	2	4	7	$7\frac{7}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
2	$4\frac{1}{8}$	7	$8\frac{1}{4}$	2	$8\frac{1}{2}$	8	10	3	$0\frac{7}{8}$	9	$11\frac{3}{4}-\frac{1}{16}$
2	$4\frac{1}{4}$	7	$8\frac{5}{8}$	2	$8\frac{5}{8}$	8	$10\frac{3}{8}$	3	1	10	$0\frac{1}{8}-\frac{1}{16}$
2	$4\frac{3}{8}$	7	$9\frac{1}{16}$	2	$8\frac{3}{4}$	8	$10\frac{3}{4}-\frac{1}{16}$	3	$1\frac{1}{8}$	10	$0\frac{1}{2}-\frac{1}{16}$
2	$4\frac{1}{2}$	7	$9\frac{3}{8}-\frac{1}{16}$	2	$8\frac{7}{8}$	8	$11\frac{1}{8}-\frac{1}{16}$	3	$1\frac{1}{4}$	10	1
2	$4\frac{5}{8}$	7	$9\frac{3}{4}-\frac{1}{16}$	2	9	8	$11\frac{5}{8}$	3	$1\frac{3}{8}$	10	$1\frac{3}{8}$
2	$4\frac{3}{4}$	7	$10\frac{1}{4}$	2	$9\frac{1}{8}$	9	0	3	$1\frac{1}{2}$	10	$1\frac{3}{4}$
2	$4\frac{7}{8}$	7	$10\frac{5}{8}$	2	$9\frac{1}{4}$	9	$0\frac{3}{8}$	3	$1\frac{5}{8}$	10	$2\frac{1}{8}$
2	5	7	11	2	$9\frac{3}{8}$	9	$0\frac{3}{4}-\frac{1}{16}$	3	$1\frac{3}{4}$	10	$2\frac{1}{2}$
2	$5\frac{1}{8}$	7	$11\frac{3}{8}$	2	$9\frac{1}{2}$	9	$1\frac{1}{8}-\frac{1}{16}$	3	$1\frac{7}{8}$	10	$2\frac{7}{8}$
2	$5\frac{1}{4}$	7	$11\frac{3}{4}-\frac{1}{16}$	2	$9\frac{5}{8}$	9	$1\frac{5}{8}$	3	2	10	$3\frac{1}{4}-\frac{1}{16}$
2	$5\frac{3}{8}$	8	$0\frac{1}{8}-\frac{1}{16}$	2	$9\frac{3}{4}$	9	2	3	$2\frac{1}{8}$	10	$3\frac{5}{8}-\frac{1}{16}$
2	$5\frac{1}{2}$	8	$0\frac{1}{2}-\frac{1}{16}$	2	$9\frac{7}{8}$	9	$2\frac{3}{8}$	3	$2\frac{1}{4}$	10	$4\frac{1}{8}-\frac{1}{16}$
2	$5\frac{5}{8}$	8	1	2	10	9	$2\frac{3}{4}$	3	$2\frac{3}{8}$	10	$4\frac{1}{2}$
2	$5\frac{3}{4}$	8	$1\frac{3}{8}$	2	$10\frac{1}{8}$	9	$3\frac{1}{8}$	3	$2\frac{1}{2}$	10	$4\frac{7}{8}$
2	$5\frac{7}{8}$	8	$1\frac{3}{4}-\frac{1}{16}$	2	$10\frac{1}{4}$	9	$3\frac{1}{2}$	3	$2\frac{5}{8}$	10	$5\frac{1}{4}-\frac{1}{16}$
2	6	8	$2\frac{1}{8}-\frac{1}{16}$	2	$10\frac{3}{8}$	9	$3\frac{7}{8}$	3	$2\frac{3}{4}$	10	$5\frac{5}{8}-\frac{1}{16}$
2	$6\frac{1}{8}$	8	$2\frac{1}{2}-\frac{1}{16}$	2	$10\frac{1}{2}$	9	$4\frac{1}{4}-\frac{1}{16}$	3	$2\frac{7}{8}$	10	$6-\frac{1}{16}$
2	$6\frac{1}{4}$	8	3	2	$10\frac{5}{8}$	9	$4\frac{5}{8}-\frac{1}{16}$	3	3	10	$6\frac{3}{8}-\frac{1}{16}$
2	$6\frac{3}{8}$	8	$3\frac{3}{8}$	2	$10\frac{3}{4}$	9	$5\frac{1}{16}$	3	$3\frac{1}{8}$	10	$6\frac{3}{4}-\frac{1}{16}$
2	$6\frac{1}{2}$	8	$3\frac{3}{4}$	2	$10\frac{7}{8}$	9	$5\frac{1}{2}$	3	$3\frac{1}{4}$	10	$7\frac{1}{8}-\frac{1}{16}$
2	$6\frac{5}{8}$	8	$4\frac{1}{8}$	2	11	9	$5\frac{7}{8}$	3	$3\frac{3}{8}$	10	$7\frac{5}{8}$
2	$6\frac{3}{4}$	8	$4\frac{1}{2}$	2	$11\frac{1}{8}$	9	$6\frac{1}{4}-\frac{1}{16}$	3	$3\frac{1}{2}$	10	8
2	$6\frac{7}{8}$	8	$4\frac{7}{8}$	2	$11\frac{1}{4}$	9	$6\frac{5}{8}-\frac{1}{16}$	3	$3\frac{5}{8}$	10	$8\frac{3}{8}$
2	7	8	$5\frac{1}{4}-\frac{1}{16}$	2	$11\frac{3}{8}$	9	$7\frac{1}{16}$	3	$3\frac{3}{4}$	10	$8\frac{3}{4}-\frac{1}{16}$
2	$7\frac{1}{8}$	8	$5\frac{5}{8}-\frac{1}{16}$	2	$11\frac{1}{2}$	9	$7\frac{3}{8}-\frac{1}{16}$	3	$3\frac{7}{8}$	10	$9\frac{1}{8}-\frac{1}{16}$
2	$7\frac{1}{4}$	8	$6\frac{1}{16}$	2	$11\frac{5}{8}$	9	$7\frac{3}{4}-\frac{1}{16}$	3	4	10	$9\frac{5}{8}$
2	$7\frac{3}{8}$	8	$6\frac{1}{2}$	2	$11\frac{3}{4}$	9	$8\frac{1}{8}-\frac{1}{16}$	3	$4\frac{1}{8}$	10	10
2	$7\frac{1}{2}$	8	$6\frac{7}{8}$	2	$11\frac{7}{8}$	9	$8\frac{1}{2}-\frac{1}{16}$	3	$4\frac{1}{4}$	10	$10\frac{3}{8}$
2	$7\frac{5}{8}$	8	$7\frac{1}{4}-\frac{1}{16}$	3	0	9	9	3	$4\frac{3}{8}$	10	$10\frac{3}{4}-\frac{1}{16}$
2	$7\frac{3}{4}$	8	$7\frac{5}{8}-\frac{1}{16}$	3	$0\frac{1}{8}$	9	$9\frac{3}{8}$	3	$4\frac{1}{2}$	10	$11\frac{1}{8}-\frac{1}{16}$
2	$7\frac{7}{8}$	8	$8\frac{1}{16}$	3	$0\frac{1}{4}$	9	$9\frac{3}{4}-\frac{1}{16}$	3	$4\frac{5}{8}$	10	$11\frac{1}{2}-\frac{1}{16}$
2	8	8	$8\frac{1}{2}$	3	$0\frac{3}{8}$	9	$10\frac{1}{8}-\frac{1}{16}$	3	$4\frac{3}{4}$	10	$11\frac{7}{8}-\frac{1}{16}$
2	$8\frac{1}{8}$	8	$8\frac{7}{8}$	3	$0\frac{1}{2}$	9	$10\frac{1}{2}-\frac{1}{16}$	3	$4\frac{7}{8}$	11	$0\frac{1}{4}-\frac{1}{16}$
2	$8\frac{1}{4}$	8	$9\frac{1}{8}-\frac{1}{16}$	3	$0\frac{5}{8}$	9	11	3	5	11	$0\frac{5}{8}-\frac{1}{16}$
2	$8\frac{3}{8}$	8	$9\frac{1}{2}-\frac{1}{16}$	3	$0\frac{3}{4}$	9	$11\frac{3}{8}$	3	$5\frac{1}{8}$	11	$1-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In	Ft.	In.
3	$5\frac{1}{4}$	11	$1\frac{1}{2}$	3	$9\frac{5}{8}$	12	$3\frac{1}{4}-\frac{1}{16}$	4	2	13	5
3	$5\frac{3}{8}$	11	$1\frac{7}{8}$	3	$9\frac{3}{4}$	12	$3\frac{5}{8}-\frac{1}{16}$	4	$2\frac{1}{8}$	13	$5\frac{3}{8}$
3	$5\frac{1}{2}$	11	$2\frac{1}{4}-\frac{1}{16}$	3	$9\frac{7}{8}$	12	$4-\frac{1}{16}$	4	$2\frac{1}{4}$	13	$5\frac{3}{4}-\frac{1}{16}$
3	$5\frac{5}{8}$	11	$2\frac{5}{8}-\frac{1}{16}$	3	10	12	$4\frac{3}{8}-\frac{1}{16}$	4	$2\frac{3}{8}$	13	$6\frac{1}{8}-\frac{1}{16}$
3	$5\frac{3}{4}$	11	$3-\frac{1}{16}$	3	$10\frac{1}{8}$	12	$4\frac{3}{4}-\frac{1}{16}$	4	$2\frac{1}{2}$	13	$6\frac{1}{2}-\frac{1}{16}$
3	$5\frac{7}{8}$	11	$3\frac{1}{2}$	3	$10\frac{1}{4}$	12	$5\frac{1}{8}-\frac{1}{16}$	4	$2\frac{5}{8}$	13	7
3	6	11	$3\frac{7}{8}$	3	$10\frac{3}{8}$	12	$5\frac{1}{2}-\frac{1}{16}$	4	$2\frac{3}{4}$	13	$7\frac{3}{8}$
3	$6\frac{1}{8}$	11	$4\frac{1}{4}-\frac{1}{16}$	3	$10\frac{1}{2}$	12	6	4	$2\frac{7}{8}$	13	$7\frac{3}{4}$
3	$6\frac{1}{4}$	11	$4\frac{5}{8}-\frac{1}{16}$	3	$10\frac{5}{8}$	12	$6\frac{3}{8}$	4	3	13	$8\frac{1}{8}$
3	$6\frac{3}{8}$	11	$5-\frac{1}{16}$	3	$10\frac{3}{4}$	12	$6\frac{3}{4}-\frac{1}{16}$	4	$3\frac{1}{8}$	13	$8\frac{1}{2}$
3	$6\frac{1}{2}$	11	$5\frac{3}{8}-\frac{1}{16}$	3	$10\frac{7}{8}$	12	$7\frac{1}{8}-\frac{1}{16}$	4	$3\frac{1}{4}$	13	$8\frac{7}{8}$
3	$6\frac{5}{8}$	11	$5\frac{3}{4}-\frac{1}{16}$	3	11	12	$7\frac{1}{2}-\frac{1}{16}$	4	$3\frac{3}{8}$	13	$9\frac{1}{4}-\frac{1}{16}$
3	$6\frac{3}{4}$	11	$6\frac{1}{8}-\frac{1}{16}$	3	$11\frac{1}{8}$	12	8	4	$3\frac{1}{2}$	13	$9\frac{5}{8}-\frac{1}{16}$
3	$6\frac{7}{8}$	11	$6\frac{1}{2}-\frac{1}{16}$	3	$11\frac{1}{4}$	12	$8\frac{3}{8}$	4	$3\frac{5}{8}$	13	$10\frac{1}{16}$
3	7	11	7	3	$11\frac{3}{8}$	12	$8\frac{3}{4}-\frac{1}{16}$	4	$3\frac{3}{4}$	13	$10\frac{1}{2}$
3	$7\frac{1}{8}$	11	$7\frac{3}{8}$	3	$11\frac{1}{2}$	12	$9\frac{1}{8}-\frac{1}{16}$	4	$3\frac{7}{8}$	13	$10\frac{7}{8}$
3	$7\frac{1}{4}$	11	$7\frac{3}{4}-\frac{1}{16}$	3	$11\frac{5}{8}$	12	$9\frac{1}{2}-\frac{1}{16}$	4	4	13	$11\frac{1}{4}-\frac{1}{16}$
3	$7\frac{3}{8}$	11	$8\frac{1}{8}-\frac{1}{16}$	3	$11\frac{3}{4}$	12	$9\frac{7}{8}-\frac{1}{16}$	4	$4\frac{1}{8}$	13	$11\frac{5}{8}-\frac{1}{16}$
3	$7\frac{1}{2}$	11	$8\frac{1}{2}-\frac{1}{16}$	3	$11\frac{7}{8}$	12	$10\frac{1}{4}-\frac{1}{16}$	4	$4\frac{1}{4}$	14	$0\frac{1}{16}$
3	$7\frac{5}{8}$	11	9	4	0	12	$10\frac{5}{8}-\frac{1}{16}$	4	$4\frac{3}{8}$	14	$0\frac{1}{2}$
3	$7\frac{3}{4}$	11	$9\frac{3}{8}$	4	$0\frac{1}{8}$	12	$11-\frac{1}{16}$	4	$4\frac{1}{2}$	14	$0\frac{7}{8}$
3	$7\frac{7}{8}$	11	$9\frac{3}{4}-\frac{1}{16}$	4	$0\frac{1}{4}$	12	$11\frac{1}{2}$	4	$4\frac{5}{8}$	14	$1\frac{1}{4}$
3	8	11	$10\frac{1}{8}-\frac{1}{16}$	4	$0\frac{3}{8}$	12	$11\frac{7}{8}$	4	$4\frac{3}{4}$	14	$1\frac{5}{8}$
3	$8\frac{1}{8}$	11	$10\frac{1}{2}-\frac{1}{16}$	4	$0\frac{1}{2}$	13	$0\frac{1}{4}-\frac{1}{16}$	4	$4\frac{7}{8}$	14	2
3	$8\frac{1}{4}$	11	$10\frac{7}{8}-\frac{1}{16}$	4	$0\frac{5}{8}$	13	$0\frac{5}{8}-\frac{1}{16}$	4	5	14	$2\frac{3}{8}$
3	$8\frac{3}{8}$	11	$11\frac{1}{4}-\frac{1}{16}$	4	$0\frac{3}{4}$	13	$1-\frac{1}{16}$	4	$5\frac{1}{8}$	14	$2\frac{3}{4}-\frac{1}{16}$
3	$8\frac{1}{2}$	11	$11\frac{5}{8}-\frac{1}{16}$	4	$0\frac{7}{8}$	13	$1\frac{1}{2}$	4	$5\frac{1}{4}$	14	$3\frac{1}{8}-\frac{1}{16}$
3	$8\frac{5}{8}$	12	$0\frac{1}{16}$	4	1	13	$1\frac{7}{8}$	4	$5\frac{3}{8}$	14	$3\frac{1}{2}-\frac{1}{16}$
3	$8\frac{3}{4}$	12	$0\frac{1}{2}$	4	$1\frac{1}{8}$	13	$2\frac{1}{4}-\frac{1}{16}$	4	$5\frac{1}{2}$	14	4
3	$8\frac{7}{8}$	12	$0\frac{7}{8}$	4	$1\frac{1}{4}$	13	$2\frac{5}{8}-\frac{1}{16}$	4	$5\frac{5}{8}$	14	$4\frac{3}{8}$
3	9	12	$1\frac{1}{4}-\frac{1}{16}$	4	$1\frac{3}{8}$	13	$3\frac{1}{16}$	4	$5\frac{3}{4}$	14	$4\frac{3}{4}-\frac{1}{16}$
3	$9\frac{1}{8}$	12	$1\frac{5}{8}-\frac{1}{16}$	4	$1\frac{1}{2}$	13	$3\frac{3}{8}-\frac{1}{16}$	4	$5\frac{7}{8}$	14	$5\frac{1}{8}-\frac{1}{16}$
3	$9\frac{1}{4}$	12	$2-\frac{1}{16}$	4	$1\frac{5}{8}$	13	$3\frac{3}{4}-\frac{1}{16}$	4	6	14	$5\frac{1}{2}-\frac{1}{16}$
3	$9\frac{3}{8}$	12	$2\frac{1}{2}$	4	$1\frac{3}{4}$	13	$4\frac{1}{8}-\frac{1}{16}$	4	$6\frac{1}{8}$	14	6
3	$9\frac{1}{2}$	12	$2\frac{7}{8}$	4	$1\frac{7}{8}$	13	$4\frac{1}{2}-\frac{1}{16}$	4	$6\frac{1}{4}$	14	$6\frac{3}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
4	$6\frac{3}{8}$	14	$6\frac{3}{4}$	4	$10\frac{3}{4}$	15	$8\frac{1}{2}$	5	$3\frac{1}{8}$	16	$10\frac{1}{4}$
4	$6\frac{1}{2}$	14	$7\frac{1}{8}$	4	$10\frac{7}{8}$	15	$8\frac{7}{8}$	5	$3\frac{1}{4}$	16	$10\frac{5}{8}$
4	$6\frac{5}{8}$	14	$7\frac{1}{2}$	4	11	15	$9\frac{1}{4}-\frac{1}{16}$	5	$3\frac{3}{8}$	16	11
4	$6\frac{3}{4}$	14	$7\frac{7}{8}$	4	$11\frac{1}{8}$	15	$9\frac{5}{8}-\frac{1}{16}$	5	$3\frac{1}{2}$	16	$11\frac{3}{8}$
4	$6\frac{7}{8}$	14	$8\frac{1}{4}-\frac{1}{16}$	4	$11\frac{1}{4}$	15	$10-\frac{1}{16}$	5	$3\frac{5}{8}$	16	$11\frac{3}{4}-\frac{1}{16}$
4	7	14	$8\frac{5}{8}-\frac{1}{16}$	4	$11\frac{3}{8}$	15	$10\frac{1}{2}$	5	$3\frac{3}{4}$	17	$0\frac{1}{8}-\frac{1}{16}$
4	$7\frac{1}{8}$	14	$9\frac{1}{8}$	4	$11\frac{1}{2}$	15	$10\frac{7}{8}$	5	$3\frac{7}{8}$	17	$0\frac{1}{2}-\frac{1}{16}$
4	$7\frac{1}{4}$	14	$9\frac{1}{2}$	4	$11\frac{5}{8}$	15	$11\frac{1}{4}$	5	4	17	1
4	$7\frac{3}{8}$	14	$9\frac{7}{8}$	4	$11\frac{3}{4}$	15	$11\frac{5}{8}$	5	$4\frac{1}{8}$	17	$1\frac{3}{8}$
4	$7\frac{1}{2}$	14	$10\frac{1}{4}$	4	$11\frac{7}{8}$	16	0	5	$4\frac{1}{4}$	17	$1\frac{3}{4}-\frac{1}{16}$
4	$7\frac{5}{8}$	14	$10\frac{5}{8}-\frac{1}{16}$	5	0	16	$0\frac{3}{8}$	5	$4\frac{3}{8}$	17	$2\frac{1}{8}-\frac{1}{16}$
4	$7\frac{3}{4}$	14	$11\frac{1}{8}$	5	$0\frac{1}{8}$	16	$0\frac{3}{4}-\frac{1}{16}$	5	$4\frac{1}{2}$	17	$2\frac{1}{2}-\frac{1}{16}$
4	$7\frac{7}{8}$	14	$11\frac{1}{2}$	5	$0\frac{1}{4}$	16	$1\frac{1}{8}-\frac{1}{16}$	5	$4\frac{5}{8}$	17	3
4	8	14	$11\frac{7}{8}$	5	$0\frac{3}{8}$	16	$1\frac{1}{2}-\frac{1}{16}$	5	$4\frac{3}{4}$	17	$3\frac{3}{8}$
4	$8\frac{1}{8}$	15	$0\frac{1}{4}$	5	$0\frac{1}{2}$	16	2	5	$4\frac{7}{8}$	17	$3\frac{3}{4}$
4	$8\frac{1}{4}$	15	$0\frac{5}{8}$	5	$0\frac{5}{8}$	16	$2\frac{3}{8}$	5	5	17	$4\frac{1}{8}$
4	$8\frac{3}{8}$	15	1	5	$0\frac{3}{4}$	16	$2\frac{3}{4}-\frac{1}{16}$	5	$5\frac{1}{8}$	17	$4\frac{1}{2}$
4	$8\frac{1}{2}$	15	$1\frac{3}{8}$	5	$0\frac{7}{8}$	16	$3\frac{1}{8}-\frac{1}{16}$	5	$5\frac{1}{4}$	17	$4\frac{7}{8}$
4	$8\frac{5}{8}$	15	$1\frac{3}{4}-\frac{1}{16}$	5	1	16	$3\frac{1}{2}-\frac{1}{16}$	5	$5\frac{3}{8}$	17	$5\frac{1}{4}$
4	$8\frac{3}{4}$	15	$2\frac{1}{8}-\frac{1}{16}$	5	$1\frac{1}{8}$	16	4	5	$5\frac{1}{2}$	17	$5\frac{5}{8}-\frac{1}{16}$
4	$8\frac{7}{8}$	15	$2\frac{1}{2}-\frac{1}{16}$	5	$1\frac{1}{4}$	16	$4\frac{3}{8}$	5	$5\frac{5}{8}$	17	$6\frac{1}{8}$
4	9	15	3	5	$1\frac{3}{8}$	16	$4\frac{3}{4}$	5	$5\frac{3}{4}$	17	$6\frac{1}{2}$
4	$9\frac{1}{8}$	15	$3\frac{3}{8}$	5	$1\frac{1}{2}$	16	$5\frac{1}{8}$	5	$5\frac{7}{8}$	17	$6\frac{7}{8}$
4	$9\frac{1}{4}$	15	$3\frac{3}{4}-\frac{1}{16}$	5	$1\frac{5}{8}$	16	$5\frac{1}{2}$	5	6	17	$7\frac{1}{4}$
4	$9\frac{3}{8}$	15	$4\frac{1}{8}-\frac{1}{16}$	5	$1\frac{3}{4}$	16	$5\frac{7}{8}$	5	$6\frac{1}{8}$	17	$7\frac{5}{8}-\frac{1}{16}$
4	$9\frac{1}{2}$	15	$4\frac{1}{2}-\frac{1}{16}$	5	$1\frac{7}{8}$	16	$6\frac{1}{4}-\frac{1}{16}$	5	$6\frac{1}{4}$	17	$8\frac{1}{8}$
4	$9\frac{5}{8}$	15	5	5	2	16	$6\frac{5}{8}-\frac{1}{16}$	5	$6\frac{3}{8}$	17	$8\frac{1}{2}$
4	$9\frac{3}{4}$	15	$5\frac{3}{8}$	5	$2\frac{1}{8}$	16	$7\frac{1}{8}$	5	$6\frac{1}{2}$	17	$8\frac{7}{8}$
4	$9\frac{7}{8}$	15	$5\frac{3}{4}$	5	$2\frac{1}{4}$	16	$7\frac{1}{2}$	5	$6\frac{5}{8}$	17	$9\frac{1}{4}$
4	10	15	$6\frac{1}{8}$	5	$2\frac{3}{8}$	16	$7\frac{7}{8}$	5	$6\frac{3}{4}$	17	$9\frac{5}{8}$
4	$10\frac{1}{8}$	15	$6\frac{1}{2}$	5	$2\frac{1}{2}$	16	$8\frac{1}{4}-\frac{1}{16}$	5	$6\frac{7}{8}$	17	10
4	$10\frac{1}{4}$	15	$6\frac{7}{8}$	5	$2\frac{5}{8}$	16	$8\frac{5}{8}-\frac{1}{16}$	5	7	17	$10\frac{3}{8}$
4	$10\frac{3}{8}$	15	$7\frac{1}{4}-\frac{1}{16}$	5	$2\frac{3}{4}$	16	$9\frac{1}{8}$	5	$7\frac{1}{8}$	17	$10\frac{3}{4}-\frac{1}{16}$
4	$10\frac{1}{2}$	15	$7\frac{5}{8}-\frac{1}{16}$	5	$2\frac{7}{8}$	16	$9\frac{1}{2}$	5	$7\frac{1}{4}$	17	$11\frac{1}{8}-\frac{1}{16}$
4	$10\frac{5}{8}$	15	$8\frac{1}{8}$	5	3	16	$9\frac{7}{8}$	5	$7\frac{3}{8}$	17	$11\frac{1}{2}-\frac{1}{16}$

Diagonal Measurement at the Root, $\frac{5}{8}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
5	$7\frac{1}{2}$	18	0	5	$11\frac{7}{8}$	19	$1\frac{5}{8}-\frac{1}{16}$	6	$4\frac{1}{4}$	20	$3\frac{1}{2}$
5	$7\frac{5}{8}$	18	$0\frac{3}{8}$	6	0	19	$2\frac{1}{8}$	6	$4\frac{3}{8}$	20	$3\frac{7}{8}$
5	$7\frac{3}{4}$	18	$0\frac{3}{4}-\frac{1}{16}$	6	$0\frac{1}{8}$	19	$2\frac{1}{2}$	6	$4\frac{1}{2}$	20	$4\frac{1}{4}-\frac{1}{16}$
5	$7\frac{7}{8}$	18	$1\frac{1}{8}-\frac{1}{16}$	6	$0\frac{1}{4}$	19	$2\frac{7}{8}$	6	$4\frac{5}{8}$	20	$4\frac{5}{8}-\frac{1}{16}$
5	8	18	$1\frac{1}{2}-\frac{1}{16}$	6	$0\frac{3}{8}$	19	$3\frac{1}{4}-\frac{1}{16}$	6	$4\frac{3}{4}$	20	$5-\frac{1}{16}$
5	$8\frac{1}{8}$	18	$1\frac{7}{8}-\frac{1}{16}$	6	$0\frac{1}{2}$	19	$3\frac{5}{8}-\frac{1}{16}$	6	$4\frac{7}{8}$	20	$5\frac{3}{8}-\frac{1}{16}$
5	$8\frac{1}{4}$	18	$2\frac{1}{4}-\frac{1}{16}$	6	$0\frac{5}{8}$	19	$4\frac{1}{8}$	6	5	20	$5\frac{3}{4}-\frac{1}{16}$
5	$8\frac{3}{8}$	18	$2\frac{5}{8}-\frac{1}{16}$	6	$0\frac{3}{4}$	19	$4\frac{1}{2}$	6	$5\frac{1}{8}$	20	$6\frac{1}{8}-\frac{1}{16}$
5	$8\frac{1}{2}$	18	$3\frac{1}{8}$	6	$0\frac{7}{8}$	19	$4\frac{7}{8}$	6	$5\frac{1}{4}$	20	$6\frac{1}{2}-\frac{1}{16}$
5	$8\frac{5}{8}$	18	$3\frac{1}{2}$	6	1	19	$5\frac{1}{4}-\frac{1}{16}$	6	$5\frac{3}{8}$	20	7
5	$8\frac{3}{4}$	18	$3\frac{7}{8}$	6	$1\frac{1}{8}$	19	$5\frac{5}{8}-\frac{1}{16}$	6	$5\frac{1}{2}$	20	$7\frac{3}{8}$
5	$8\frac{7}{8}$	18	$4\frac{1}{4}-\frac{1}{16}$	6	$1\frac{1}{4}$	19	$6-\frac{1}{16}$	6	$5\frac{5}{8}$	20	$7\frac{3}{4}-\frac{1}{16}$
5	9	18	$4\frac{5}{8}-\frac{1}{16}$	6	$1\frac{3}{8}$	19	$6\frac{3}{8}-\frac{1}{16}$	6	$5\frac{3}{4}$	20	$8\frac{3}{8}-\frac{1}{16}$
5	$9\frac{1}{8}$	18	$5\frac{1}{8}$	6	$1\frac{1}{2}$	19	$6\frac{3}{4}-\frac{1}{16}$	6	$5\frac{7}{8}$	20	$8\frac{1}{2}-\frac{1}{16}$
5	$9\frac{1}{4}$	18	$5\frac{1}{2}$	6	$1\frac{5}{8}$	19	$7\frac{1}{8}-\frac{1}{16}$	6	6	20	9
5	$9\frac{3}{8}$	18	$5\frac{7}{8}$	6	$1\frac{3}{4}$	19	$7\frac{1}{2}-\frac{1}{16}$	6	$6\frac{1}{8}$	20	$9\frac{3}{8}$
5	$9\frac{1}{2}$	18	$6\frac{1}{4}-\frac{1}{16}$	6	$1\frac{7}{8}$	19	8	6	$6\frac{1}{4}$	20	$9\frac{3}{4}$
5	$9\frac{5}{8}$	18	$6\frac{5}{8}-\frac{1}{16}$	6	2	19	$8\frac{3}{8}$	6	$6\frac{3}{8}$	20	$10\frac{1}{8}$
5	$9\frac{3}{4}$	18	$7-\frac{1}{16}$	6	$2\frac{1}{8}$	19	$8\frac{3}{4}-\frac{1}{16}$	6	$6\frac{1}{2}$	20	$10\frac{1}{2}$
5	$9\frac{7}{8}$	18	$7\frac{3}{8}-\frac{1}{16}$	6	$2\frac{1}{4}$	19	$9\frac{1}{8}-\frac{1}{16}$	6	$6\frac{5}{8}$	20	$10\frac{7}{8}$
5	10	18	$7\frac{3}{4}-\frac{1}{16}$	6	$2\frac{3}{8}$	19	$9\frac{1}{2}-\frac{1}{16}$	6	$6\frac{3}{4}$	20	$11\frac{1}{4}-\frac{1}{16}$
5	$10\frac{1}{8}$	18	$8\frac{1}{8}-\frac{1}{16}$	6	$2\frac{1}{2}$	19	10	6	$6\frac{7}{8}$	20	$11\frac{5}{8}-\frac{1}{16}$
5	$10\frac{1}{4}$	18	$8\frac{1}{2}-\frac{1}{16}$	6	$2\frac{5}{8}$	19	$10\frac{3}{8}$	6	7	21	$0\frac{1}{8}$
5	$10\frac{3}{8}$	18	9	6	$2\frac{3}{4}$	19	$10\frac{3}{4}-\frac{1}{16}$	6	$7\frac{1}{8}$	21	$0\frac{1}{2}$
5	$10\frac{1}{2}$	18	$9\frac{3}{8}$	6	$2\frac{7}{8}$	19	$11\frac{1}{8}-\frac{1}{16}$	6	$7\frac{1}{4}$	21	$0\frac{7}{8}$
5	$10\frac{5}{8}$	18	$9\frac{3}{4}-\frac{1}{16}$	6	3	19	$11\frac{1}{2}-\frac{1}{16}$	6	$7\frac{3}{8}$	21	$1\frac{1}{4}-\frac{1}{16}$
5	$10\frac{3}{4}$	18	$10\frac{1}{8}-\frac{1}{16}$	6	$3\frac{1}{8}$	19	$11\frac{7}{8}-\frac{1}{16}$	6	$7\frac{1}{2}$	21	$1\frac{5}{8}-\frac{1}{16}$
5	$10\frac{7}{8}$	18	$10\frac{1}{2}-\frac{1}{16}$	6	$3\frac{1}{4}$	20	$0\frac{1}{4}-\frac{1}{16}$	6	$7\frac{5}{8}$	21	$2\frac{1}{8}$
5	11	18	11	6	$3\frac{3}{8}$	20	$0\frac{5}{8}-\frac{1}{16}$	6	$7\frac{3}{4}$	21	$2\frac{1}{2}$
5	$11\frac{1}{8}$	18	$11\frac{3}{8}$	6	$3\frac{1}{2}$	20	$1\frac{1}{8}$	6	$7\frac{7}{8}$	21	$2\frac{7}{8}$
5	$11\frac{1}{4}$	18	$11\frac{3}{4}-\frac{1}{16}$	6	$3\frac{5}{8}$	20	$1\frac{1}{2}$	6	8	21	$3\frac{1}{4}$
5	$11\frac{3}{8}$	19	$0\frac{1}{8}-\frac{1}{16}$	6	$3\frac{3}{4}$	20	$1\frac{7}{8}$	6	$8\frac{1}{8}$	21	$3\frac{5}{8}$
5	$11\frac{1}{2}$	19	$0\frac{1}{2}-\frac{1}{16}$	6	$3\frac{7}{8}$	20	$2\frac{1}{4}-\frac{1}{16}$	6	$8\frac{1}{4}$	21	4
5	$11\frac{5}{8}$	19	$0\frac{7}{8}-\frac{1}{16}$	6	4	20	$2\frac{5}{8}-\frac{1}{16}$	6	$8\frac{3}{8}$	21	$4\frac{3}{8}$
5	$11\frac{3}{4}$	19	$1\frac{1}{4}-\frac{1}{16}$	6	$4\frac{1}{8}$	20	$3\frac{1}{8}$	6	$8\frac{1}{2}$	21	$4\frac{3}{4}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
6	$8\frac{5}{8}$	21	$5\frac{1}{8}$-$\frac{1}{16}$	6	$9\frac{3}{4}$	21	$8\frac{3}{4}$	6	$10\frac{7}{8}$	22	$0\frac{1}{4}$-$\frac{1}{16}$
6	$8\frac{3}{4}$	21	$5\frac{1}{2}$-$\frac{1}{16}$	6	$9\frac{7}{8}$	21	$9\frac{1}{8}$	6	11	22	$0\frac{3}{8}$-$\frac{1}{16}$
6	$8\frac{7}{8}$	21	6	6	10	21	$9\frac{1}{2}$	6	$11\frac{1}{8}$	22	$1\frac{1}{8}$
6	9	21	$6\frac{3}{8}$	6	$10\frac{1}{8}$	21	$9\frac{7}{8}$	6	$11\frac{1}{4}$	22	$1\frac{1}{2}$
6	$9\frac{1}{8}$	21	$6\frac{3}{4}$-$\frac{1}{16}$	6	$10\frac{1}{4}$	21	$10\frac{1}{4}$-$\frac{1}{16}$	6	$11\frac{3}{8}$	22	$1\frac{7}{8}$
6	$9\frac{1}{4}$	21	$7\frac{1}{8}$-$\frac{1}{16}$	6	$10\frac{3}{8}$	21	$10\frac{5}{8}$-$\frac{1}{16}$	6	$11\frac{1}{2}$	22	$2\frac{1}{4}$
6	$9\frac{3}{8}$	21	$7\frac{1}{2}$-$\frac{1}{16}$	6	$10\frac{1}{2}$	21	$11\frac{1}{8}$	6	$11\frac{5}{8}$	22	$2\frac{5}{8}$
6	$9\frac{1}{2}$	21	8	6	$10\frac{5}{8}$	21	$11\frac{1}{2}$	6	$11\frac{3}{4}$	22	3
6	$9\frac{5}{8}$	21	$8\frac{3}{8}$	6	$10\frac{3}{4}$	21	$11\frac{7}{8}$	6	$11\frac{7}{8}$	22	$3\frac{3}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}$ $\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	0	3	6	1	$2\frac{3}{8}$	4	$1\frac{3}{8}$-$\frac{1}{16}$	1	$4\frac{3}{4}$	4	$8\frac{7}{8}$-$\frac{1}{16}$
1	$0\frac{1}{8}$	3	$6\frac{3}{8}$	1	$2\frac{1}{2}$	4	$1\frac{3}{4}$-$\frac{1}{16}$	1	$4\frac{7}{8}$	4	$9\frac{1}{4}$-$\frac{1}{16}$
1	$0\frac{1}{4}$	3	$6\frac{3}{4}$-$\frac{1}{16}$	1	$2\frac{5}{8}$	4	$2\frac{1}{4}$	1	5	4	$9\frac{5}{8}$-$\frac{1}{16}$
1	$0\frac{3}{8}$	3	$7\frac{1}{8}$-$\frac{1}{16}$	1	$2\frac{3}{4}$	4	$2\frac{5}{8}$	1	$5\frac{1}{8}$	4	$10\frac{1}{16}$
1	$0\frac{1}{2}$	3	$7\frac{1}{2}$-$\frac{1}{16}$	1	$2\frac{7}{8}$	4	$3\frac{1}{16}$	1	$5\frac{1}{4}$	4	$10\frac{1}{2}$
1	$0\frac{5}{8}$	3	$7\frac{7}{8}$-$\frac{1}{16}$	1	3	4	$3\frac{3}{8}$-$\frac{1}{16}$	1	$5\frac{3}{8}$	4	$10\frac{7}{8}$
1	$0\frac{3}{4}$	3	$8\frac{1}{4}$-$\frac{1}{16}$	1	$3\frac{1}{8}$	4	$3\frac{3}{4}$-$\frac{1}{16}$	1	$5\frac{1}{2}$	4	$11\frac{1}{4}$
1	$0\frac{7}{8}$	3	$8\frac{3}{4}$	1	$3\frac{1}{4}$	4	$4\frac{1}{8}$-$\frac{1}{16}$	1	$5\frac{5}{8}$	4	$11\frac{5}{8}$-$\frac{1}{16}$
1	1	3	$9\frac{1}{8}$	1	$3\frac{3}{8}$	4	$4\frac{1}{2}$-$\frac{1}{16}$	1	$5\frac{3}{4}$	5	$0\frac{1}{16}$
1	$1\frac{1}{8}$	3	$9\frac{1}{2}$-$\frac{1}{16}$	1	$3\frac{1}{2}$	4	5	1	$5\frac{7}{8}$	5	$0\frac{3}{8}$-$\frac{1}{16}$
1	$1\frac{1}{4}$	3	$9\frac{7}{8}$-$\frac{1}{16}$	1	$3\frac{5}{8}$	4	$5\frac{3}{8}$	1	6	5	$0\frac{3}{4}$-$\frac{1}{16}$
1	$1\frac{3}{8}$	3	$10\frac{1}{4}$-$\frac{1}{16}$	1	$3\frac{3}{4}$	4	$5\frac{3}{4}$	1	$6\frac{1}{8}$	5	$1\frac{1}{4}$
1	$1\frac{1}{2}$	3	$10\frac{5}{8}$-$\frac{1}{16}$	1	$3\frac{7}{8}$	4	$6\frac{1}{8}$-$\frac{1}{16}$	1	$6\frac{1}{4}$	5	$1\frac{5}{8}$
1	$1\frac{5}{8}$	3	$11\frac{1}{16}$	1	4	4	$6\frac{1}{2}$-$\frac{1}{16}$	1	$6\frac{3}{8}$	5	2
1	$1\frac{3}{4}$	3	$11\frac{1}{2}$	1	$4\frac{1}{8}$	4	$6\frac{7}{8}$-$\frac{1}{16}$	1	$6\frac{1}{2}$	5	$2\frac{3}{8}$-$\frac{1}{16}$
1	$1\frac{7}{8}$	3	$11\frac{7}{8}$	1	$4\frac{1}{4}$	4	$7\frac{1}{4}$-$\frac{1}{16}$	1	$6\frac{5}{8}$	5	$2\frac{3}{4}$-$\frac{1}{16}$
1	2	4	$0\frac{1}{4}$	1	$4\frac{3}{8}$	4	$7\frac{3}{4}$	1	$6\frac{3}{4}$	5	$3\frac{1}{8}$-$\frac{1}{16}$
1	$2\frac{1}{8}$	4	$0\frac{5}{8}$-$\frac{1}{16}$	1	$4\frac{1}{2}$	4	$8\frac{1}{8}$	1	$6\frac{7}{8}$	5	$3\frac{1}{2}$-$\frac{1}{16}$
1	$2\frac{1}{4}$	4	$1\frac{1}{16}$	1	$4\frac{5}{8}$	4	$8\frac{1}{2}$	1	7	5	4

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	$7\frac{1}{8}$	5	$4\frac{3}{8}$	1	$11\frac{1}{2}$	6	$6\frac{1}{8}$	2	$3\frac{7}{8}$	7	$7\frac{7}{8}$
1	$7\frac{1}{4}$	5	$4\frac{3}{4}$	1	$11\frac{5}{8}$	6	$6\frac{1}{2}$	2	4	7	$8\frac{1}{4}$
1	$7\frac{3}{8}$	5	$5\frac{1}{8}$-$\frac{1}{16}$	1	$11\frac{3}{4}$	6	$6\frac{7}{8}$-$\frac{1}{16}$	2	$4\frac{1}{8}$	7	$8\frac{5}{8}$
1	$7\frac{1}{2}$	5	$5\frac{1}{2}$-$\frac{1}{16}$	1	$11\frac{7}{8}$	6	$7\frac{1}{4}$-$\frac{1}{16}$	2	$4\frac{1}{4}$	7	$9\frac{1}{16}$
1	$7\frac{5}{8}$	5	$5\frac{7}{8}$-$\frac{1}{16}$	2	0	6	$7\frac{3}{4}$	2	$4\frac{3}{8}$	7	$9\frac{3}{8}$-$\frac{1}{16}$
1	$7\frac{3}{4}$	5	$6\frac{1}{4}$-$\frac{1}{16}$	2	$0\frac{1}{8}$	6	$8\frac{1}{8}$	2	$4\frac{1}{2}$	7	$9\frac{3}{4}$-$\frac{1}{16}$
1	$7\frac{7}{8}$	5	$6\frac{3}{4}$	2	$0\frac{1}{4}$	6	$8\frac{1}{2}$	2	$4\frac{5}{8}$	7	$10\frac{1}{4}$
1	8	5	$7\frac{1}{8}$	2	$0\frac{3}{8}$	6	$8\frac{7}{8}$	2	$4\frac{3}{4}$	7	$10\frac{5}{8}$
1	$8\frac{1}{8}$	5	$7\frac{1}{2}$	2	$0\frac{1}{2}$	6	$9\frac{1}{4}$	2	$4\frac{7}{8}$	7	11
1	$8\frac{1}{4}$	5	$7\frac{7}{8}$	2	$0\frac{5}{8}$	6	$9\frac{5}{8}$-$\frac{1}{16}$	2	5	7	$11\frac{3}{8}$
1	$8\frac{3}{8}$	5	$8\frac{1}{4}$-$\frac{1}{16}$	2	$0\frac{3}{4}$	6	$10\frac{1}{16}$	2	$5\frac{1}{8}$	7	$11\frac{3}{4}$-$\frac{1}{16}$
1	$8\frac{1}{2}$	5	$8\frac{5}{8}$-$\frac{1}{16}$	2	$0\frac{7}{8}$	6	$10\frac{3}{8}$-$\frac{1}{16}$	2	$5\frac{1}{4}$	8	$0\frac{1}{8}$-$\frac{1}{16}$
1	$8\frac{5}{8}$	5	$9\frac{1}{16}$	2	1	6	$10\frac{3}{4}$-$\frac{1}{16}$	2	$5\frac{3}{8}$	8	$0\frac{1}{2}$-$\frac{1}{16}$
1	$8\frac{3}{4}$	5	$9\frac{1}{2}$	2	$1\frac{1}{8}$	6	$11\frac{1}{4}$	2	$5\frac{1}{2}$	8	1
1	$8\frac{7}{8}$	5	$9\frac{7}{8}$	2	$1\frac{1}{4}$	6	$11\frac{5}{8}$	2	$5\frac{5}{8}$	8	$1\frac{3}{8}$
1	9	5	$10\frac{1}{4}$	2	$1\frac{3}{8}$	7	0	2	$5\frac{3}{4}$	8	$1\frac{3}{4}$-$\frac{1}{16}$
1	$9\frac{1}{8}$	5	$10\frac{5}{8}$	2	$1\frac{1}{2}$	7	$0\frac{3}{8}$-$\frac{1}{16}$	2	$5\frac{7}{8}$	8	$2\frac{1}{8}$-$\frac{1}{16}$
1	$9\frac{1}{4}$	5	$11\frac{1}{16}$	2	$1\frac{5}{8}$	7	$0\frac{3}{4}$-$\frac{1}{16}$	2	6	8	$2\frac{1}{2}$-$\frac{1}{16}$
1	$9\frac{3}{8}$	5	$11\frac{3}{8}$-$\frac{1}{16}$	2	$1\frac{3}{4}$	7	$1\frac{1}{8}$-$\frac{1}{16}$	2	$6\frac{1}{8}$	8	3
1	$9\frac{1}{2}$	5	$11\frac{3}{4}$-$\frac{1}{16}$	2	$1\frac{7}{8}$	7	$1\frac{1}{2}$-$\frac{1}{16}$	2	$6\frac{1}{4}$	8	$3\frac{3}{8}$
1	$9\frac{5}{8}$	6	$0\frac{1}{4}$	2	2	7	2	2	$6\frac{3}{8}$	8	$3\frac{3}{4}$
1	$9\frac{3}{4}$	6	$0\frac{5}{8}$	2	$2\frac{1}{8}$	7	$2\frac{3}{8}$	2	$6\frac{1}{2}$	8	$4\frac{1}{8}$
1	$9\frac{7}{8}$	6	1	2	$2\frac{1}{4}$	7	$2\frac{3}{4}$	2	$6\frac{5}{8}$	8	$4\frac{1}{2}$
1	10	6	$1\frac{3}{8}$	2	$2\frac{3}{8}$	7	$3\frac{1}{8}$	2	$6\frac{3}{4}$	8	$4\frac{7}{8}$
1	$10\frac{1}{8}$	6	$1\frac{3}{4}$-$\frac{1}{16}$	2	$2\frac{1}{2}$	7	$3\frac{1}{2}$-$\frac{1}{16}$	2	$6\frac{7}{8}$	8	$5\frac{1}{4}$-$\frac{1}{16}$
1	$10\frac{1}{4}$	6	$2\frac{1}{8}$-$\frac{1}{16}$	2	$2\frac{5}{8}$	7	$3\frac{7}{8}$-$\frac{1}{16}$	2	7	8	$5\frac{5}{8}$-$\frac{1}{16}$
1	$10\frac{3}{8}$	6	$2\frac{1}{2}$-$\frac{1}{16}$	2	$2\frac{3}{4}$	7	$4\frac{1}{4}$-$\frac{1}{16}$	2	$7\frac{1}{8}$	8	$6\frac{1}{16}$
1	$10\frac{1}{2}$	6	3	2	$2\frac{7}{8}$	7	$4\frac{3}{4}$	2	$7\frac{1}{4}$	8	$6\frac{1}{2}$
1	$10\frac{5}{8}$	6	$3\frac{5}{8}$	2	3	7	$5\frac{1}{8}$	2	$7\frac{3}{8}$	8	$6\frac{7}{8}$
1	$10\frac{3}{4}$	6	$3\frac{3}{4}$	2	$3\frac{1}{8}$	7	$5\frac{1}{2}$	2	$7\frac{1}{2}$	8	$7\frac{1}{4}$-$\frac{1}{16}$
1	$10\frac{7}{8}$	6	$4\frac{1}{8}$	2	$3\frac{1}{4}$	7	$5\frac{7}{8}$	2	$7\frac{5}{8}$	8	$7\frac{3}{8}$-$\frac{1}{16}$
1	11	6	$4\frac{1}{2}$-$\frac{1}{16}$	2	$3\frac{3}{8}$	7	$6\frac{1}{4}$-$\frac{1}{16}$	2	$7\frac{3}{4}$	8	$8\frac{1}{16}$
1	$11\frac{1}{8}$	6	$4\frac{7}{8}$-$\frac{1}{16}$	2	$3\frac{1}{2}$	7	$6\frac{5}{8}$-$\frac{1}{16}$	2	$7\frac{7}{8}$	8	$8\frac{1}{2}$
1	$11\frac{1}{4}$	6	$5\frac{1}{4}$-$\frac{1}{16}$	2	$3\frac{5}{8}$	7	$7\frac{1}{16}$	2	8	8	$8\frac{7}{8}$
1	$11\frac{3}{8}$	6	$5\frac{3}{4}$	2	$3\frac{3}{4}$	7	$7\frac{3}{8}$-$\frac{1}{16}$	2	$8\frac{1}{8}$	8	$9\frac{1}{8}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In	Ft.	In.	Ft.	In.
2	$8\frac{1}{4}$	8	$9\frac{1}{2}\cdot\frac{1}{16}$	3	$0\frac{5}{8}$	9	$11\frac{3}{8}$	3	5	11	$1\frac{1}{16}$
2	$8\frac{3}{8}$	8	10	3	$0\frac{3}{4}$	9	$11\frac{3}{4}\text{-}\frac{1}{16}$	3	$5\frac{1}{8}$	11	$1\frac{1}{2}$
2	$8\frac{1}{2}$	8	$10\frac{3}{8}$	3	$0\frac{7}{8}$	10	$0\frac{1}{8}\text{-}\frac{1}{16}$	3	$5\frac{1}{4}$	11	$1\frac{7}{8}$
2	$8\frac{5}{8}$	8	$10\frac{3}{4}\cdot\frac{1}{16}$	3	1	10	$0\frac{1}{2}\text{-}\frac{1}{16}$	3	$5\frac{3}{8}$	11	$2\frac{1}{4}\text{-}\frac{1}{16}$
2	$8\frac{3}{4}$	8	$11\frac{1}{8}\text{-}\frac{1}{16}$	3	$1\frac{1}{8}$	10	1	3	$5\frac{1}{2}$	11	$2\frac{3}{8}\text{-}\frac{1}{16}$
2	$8\frac{7}{8}$	8	$11\frac{5}{8}$	3	$1\frac{1}{4}$	10	$1\frac{3}{8}$	3	$5\frac{5}{8}$	11	$3\frac{1}{16}$
2	9	9	0	3	$1\frac{3}{8}$	10	$1\frac{3}{4}$	3	$5\frac{3}{4}$	11	$3\frac{1}{2}$
2	$9\frac{1}{8}$	9	$0\frac{3}{8}$	3	$1\frac{1}{2}$	10	$2\frac{1}{8}$	3	$5\frac{7}{8}$	11	$3\frac{7}{8}$
2	$9\frac{1}{4}$	9	$0\frac{3}{4}\text{-}\frac{1}{16}$	3	$1\frac{5}{8}$	10	$2\frac{1}{2}$	3	6	11	$4\frac{1}{4}\text{-}\frac{1}{16}$
2	$9\frac{3}{8}$	9	$1\frac{1}{8}\text{-}\frac{1}{16}$	3	$1\frac{3}{4}$	10	$2\frac{7}{8}$	3	$6\frac{1}{8}$	11	$4\frac{5}{8}\text{-}\frac{1}{16}$
2	$9\frac{1}{2}$	9	$1\frac{5}{8}$	3	$1\frac{7}{8}$	10	$3\frac{1}{4}\text{-}\frac{1}{16}$	3	$6\frac{1}{4}$	11	$5\frac{1}{16}$
2	$9\frac{5}{8}$	9	2	3	2	10	$3\frac{5}{8}\text{-}\frac{1}{16}$	3	$6\frac{3}{8}$	11	$5\frac{3}{8}\text{-}\frac{1}{16}$
2	$9\frac{3}{4}$	9	$2\frac{3}{8}$	3	$2\frac{1}{8}$	10	$4\frac{1}{8}$	3	$6\frac{1}{2}$	11	$5\frac{3}{4}\cdot\frac{1}{16}$
2	$9\frac{7}{8}$	9	$2\frac{3}{4}$	3	$2\frac{1}{4}$	10	$4\frac{1}{2}$	3	$6\frac{5}{8}$	11	$6\frac{1}{8}\text{-}\frac{1}{16}$
2	10	9	$3\frac{1}{8}$	3	$2\frac{3}{8}$	10	$4\frac{7}{8}$	3	$6\frac{3}{4}$	11	$6\frac{1}{2}\text{-}\frac{1}{16}$
2	$10\frac{1}{8}$	9	$3\frac{1}{2}$	3	$2\frac{1}{2}$	10	$5\frac{1}{4}\text{-}\frac{1}{16}$	3	$6\frac{7}{8}$	11	7
2	$10\frac{1}{4}$	9	$3\frac{7}{8}$	3	$2\frac{5}{8}$	10	$5\frac{5}{8}\text{-}\frac{1}{16}$	3	7	11	$7\frac{3}{8}$
2	$10\frac{3}{8}$	9	$4\frac{1}{4}\text{-}\frac{1}{16}$	3	$2\frac{3}{4}$	10	$6\frac{1}{16}$	3	$7\frac{1}{8}$	11	$7\frac{3}{4}\text{-}\frac{1}{16}$
2	$10\frac{1}{2}$	9	$4\frac{3}{8}\text{-}\frac{1}{16}$	3	$2\frac{7}{8}$	10	$6\frac{3}{8}\text{-}\frac{1}{16}$	3	$7\frac{1}{4}$	11	$8\frac{1}{8}\text{-}\frac{1}{16}$
2	$10\frac{5}{8}$	9	$5\frac{1}{16}$	3	3	10	$6\frac{3}{4}\cdot\frac{1}{16}$	3	$7\frac{3}{8}$	11	$8\frac{1}{2}\text{-}\frac{1}{16}$
2	$10\frac{3}{4}$	9	$5\frac{1}{2}$	3	$3\frac{1}{8}$	10	$7\frac{1}{8}\cdot\frac{1}{16}$	3	$7\frac{1}{2}$	11	9
2	$10\frac{7}{8}$	9	$5\frac{7}{8}$	3	$3\frac{1}{4}$	10	$7\frac{5}{8}$	3	$7\frac{5}{8}$	11	$9\frac{3}{8}$
2	11	9	$6\frac{1}{4}\text{-}\frac{1}{16}$	3	$3\frac{3}{8}$	10	8	3	$7\frac{3}{4}$	11	$9\frac{3}{4}\text{-}\frac{1}{16}$
2	$11\frac{1}{8}$	9	$6\frac{5}{8}\text{-}\frac{1}{16}$	3	$3\frac{1}{2}$	10	$8\frac{3}{8}$	3	$7\frac{7}{8}$	11	$10\frac{1}{8}\text{-}\frac{1}{16}$
2	$11\frac{1}{4}$	9	$7\frac{1}{16}$	3	$3\frac{5}{8}$	10	$8\frac{3}{4}\text{-}\frac{1}{16}$	3	8	11	$10\frac{1}{2}\text{-}\frac{1}{16}$
2	$11\frac{3}{8}$	9	$7\frac{3}{8}\text{-}\frac{1}{16}$	3	$3\frac{3}{4}$	10	$9\frac{1}{8}\text{-}\frac{1}{16}$	3	$8\frac{1}{8}$	11	$10\frac{7}{8}\text{-}\frac{1}{16}$
2	$11\frac{1}{2}$	9	$7\frac{3}{4}\text{-}\frac{1}{16}$	3	$3\frac{7}{8}$	10	$9\frac{5}{8}$	3	$8\frac{1}{4}$	11	$11\frac{1}{4}\text{-}\frac{1}{16}$
2	$11\frac{5}{8}$	9	$8\frac{1}{8}\cdot\frac{1}{16}$	3	4	10	10	3	$8\frac{3}{8}$	11	$11\frac{5}{8}\text{-}\frac{1}{16}$
2	$11\frac{3}{4}$	9	$8\frac{1}{2}\text{-}\frac{1}{16}$	3	$4\frac{1}{8}$	10	$10\frac{3}{8}$	3	$8\frac{1}{2}$	12	$0\frac{1}{16}$
2	$11\frac{7}{8}$	9	9	3	$4\frac{1}{4}$	10	$10\frac{3}{4}\cdot\frac{1}{16}$	3	$8\frac{5}{8}$	12	$0\frac{1}{2}$
3	0	9	$9\frac{3}{8}$	3	$4\frac{3}{8}$	10	$11\frac{1}{8}\cdot\frac{1}{16}$	3	$8\frac{3}{4}$	12	$0\frac{7}{8}$
3	$0\frac{1}{8}$	9	$9\frac{3}{4}\cdot\frac{1}{16}$	3	$4\frac{1}{2}$	10	$11\frac{1}{2}\text{-}\frac{1}{16}$	3	$8\frac{7}{8}$	12	$1\frac{1}{4}\text{-}\frac{1}{16}$
3	$0\frac{1}{4}$	9	$10\frac{1}{8}\text{-}\frac{1}{16}$	3	$4\frac{5}{8}$	10	$11\frac{7}{8}\text{-}\frac{1}{16}$	3	9	12	$1\frac{5}{8}\text{-}\frac{1}{16}$
3	$0\frac{3}{8}$	9	$10\frac{1}{2}\text{-}\frac{1}{16}$	3	$4\frac{3}{4}$	11	$0\frac{1}{4}\cdot\frac{1}{16}$	3	$9\frac{1}{8}$	12	$2\frac{1}{16}$
3	$0\frac{1}{2}$	9	11	3	$4\frac{7}{8}$	11	$0\frac{5}{8}\cdot\frac{1}{16}$	3	$9\frac{1}{4}$	12	$2\frac{1}{2}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	$9\frac{3}{8}$	12	$2\frac{7}{8}$	4	$1\frac{3}{4}$	13	$4\frac{1}{2}\text{-}\frac{1}{16}$	4	$6\frac{1}{8}$	14	$6\frac{3}{8}$
3	$9\frac{1}{2}$	12	$3\frac{1}{4}\text{-}\frac{1}{16}$	4	$1\frac{7}{8}$	13	5	4	$6\frac{1}{4}$	14	$6\frac{3}{4}$
3	$9\frac{5}{8}$	12	$3\frac{5}{8}\text{-}\frac{1}{16}$	4	2	13	$5\frac{3}{8}$	4	$6\frac{3}{8}$	14	$7\frac{1}{8}$
3	$9\frac{3}{4}$	12	$4\frac{1}{16}$	4	$2\frac{1}{8}$	13	$5\frac{3}{4}\text{-}\frac{1}{16}$	4	$6\frac{1}{2}$	14	$7\frac{1}{2}$
3	$9\frac{7}{8}$	12	$4\frac{3}{8}\text{-}\frac{1}{16}$	4	$2\frac{1}{4}$	13	$6\frac{1}{8}\text{-}\frac{1}{16}$	4	$6\frac{5}{8}$	14	$7\frac{7}{8}$
3	10	12	$4\frac{3}{4}\text{-}\frac{1}{16}$	4	$2\frac{3}{8}$	13	$6\frac{1}{2}\text{-}\frac{1}{16}$	4	$6\frac{3}{4}$	14	$8\frac{1}{4}\text{-}\frac{1}{16}$
3	$10\frac{1}{8}$	12	$5\frac{1}{8}\text{-}\frac{1}{16}$	4	$2\frac{1}{2}$	13	7	4	$6\frac{7}{8}$	14	$8\frac{5}{8}\text{-}\frac{1}{16}$
3	$10\frac{1}{4}$	12	$5\frac{1}{2}\text{-}\frac{1}{16}$	4	$2\frac{5}{8}$	13	$7\frac{3}{8}$	4	7	14	$9\frac{1}{8}$
3	$10\frac{3}{8}$	12	6	4	$2\frac{3}{4}$	13	$7\frac{3}{4}$	4	$7\frac{1}{8}$	14	$9\frac{1}{2}$
3	$10\frac{1}{2}$	12	$6\frac{3}{8}$	4	$2\frac{7}{8}$	13	$8\frac{1}{8}$	4	$7\frac{1}{4}$	14	$9\frac{7}{8}$
3	$10\frac{5}{8}$	12	$6\frac{3}{4}\text{-}\frac{1}{16}$	4	3	13	$8\frac{1}{2}$	4	$7\frac{3}{8}$	14	$10\frac{1}{4}$
3	$10\frac{3}{4}$	12	$7\frac{1}{8}\text{-}\frac{1}{16}$	4	$3\frac{1}{8}$	13	$8\frac{7}{8}$	4	$7\frac{1}{2}$	14	$10\frac{5}{8}\text{-}\frac{1}{16}$
3	$10\frac{7}{8}$	12	$7\frac{1}{2}\text{-}\frac{1}{16}$	4	$3\frac{1}{4}$	13	$9\frac{1}{4}\text{-}\frac{1}{16}$	4	$7\frac{5}{8}$	14	$11\frac{1}{8}$
3	11	12	8	4	$3\frac{3}{8}$	13	$9\frac{3}{8}\text{-}\frac{1}{16}$	4	$7\frac{3}{4}$	14	$11\frac{1}{2}$
3	$11\frac{1}{8}$	12	$8\frac{3}{8}$	4	$3\frac{1}{2}$	13	$10\frac{1}{16}$	4	$7\frac{7}{8}$	14	$11\frac{7}{8}$
3	$11\frac{1}{4}$	12	$8\frac{3}{4}\text{-}\frac{1}{16}$	4	$3\frac{5}{8}$	13	$10\frac{1}{2}$	4	8	15	$0\frac{1}{4}$
3	$11\frac{3}{8}$	12	$9\frac{1}{8}\text{-}\frac{1}{16}$	4	$3\frac{3}{4}$	13	$10\frac{7}{8}$	4	$8\frac{1}{8}$	15	$0\frac{5}{8}$
3	$11\frac{1}{2}$	12	$9\frac{1}{2}\text{-}\frac{1}{16}$	4	$3\frac{7}{8}$	13	$11\frac{1}{4}\text{-}\frac{1}{16}$	4	$8\frac{1}{4}$	15	1
3	$11\frac{5}{8}$	12	$9\frac{7}{8}\text{-}\frac{1}{16}$	4	4	13	$11\frac{5}{8}\text{-}\frac{1}{16}$	4	$8\frac{3}{8}$	15	$1\frac{3}{8}$
3	$11\frac{3}{4}$	12	$10\frac{1}{4}\text{-}\frac{1}{16}$	4	$4\frac{1}{8}$	14	$0\frac{1}{16}$	4	$8\frac{1}{2}$	15	$1\frac{3}{4}\text{-}\frac{1}{16}$
3	$11\frac{7}{8}$	12	$10\frac{5}{8}\text{-}\frac{1}{16}$	4	$4\frac{1}{4}$	14	$0\frac{1}{2}$	4	$8\frac{5}{8}$	15	$2\frac{1}{8}\text{-}\frac{1}{16}$
4	0	12	$11\frac{1}{16}$	4	$4\frac{3}{8}$	14	$0\frac{7}{8}$	4	$8\frac{3}{4}$	15	$2\frac{1}{2}\text{-}\frac{1}{16}$
4	$0\frac{1}{8}$	12	$11\frac{1}{2}$	4	$4\frac{1}{2}$	14	$1\frac{1}{4}$	4	$8\frac{7}{8}$	15	3
4	$0\frac{1}{4}$	12	$11\frac{7}{8}$	4	$4\frac{5}{8}$	14	$1\frac{5}{8}$	4	9	15	$3\frac{3}{8}$
4	$0\frac{3}{8}$	13	$0\frac{1}{4}\text{-}\frac{1}{16}$	4	$4\frac{3}{4}$	14	2	4	$9\frac{1}{8}$	15	$3\frac{3}{4}\text{-}\frac{1}{16}$
4	$0\frac{1}{2}$	13	$0\frac{5}{8}\text{-}\frac{1}{16}$	4	$4\frac{7}{8}$	14	$2\frac{3}{8}$	4	$9\frac{1}{4}$	15	$4\frac{1}{8}\text{-}\frac{1}{16}$
4	$0\frac{5}{8}$	13	$1\frac{1}{16}$	4	5	14	$2\frac{3}{4}\text{-}\frac{1}{16}$	4	$9\frac{3}{8}$	15	$4\frac{1}{2}\text{-}\frac{1}{16}$
4	$0\frac{3}{4}$	13	$1\frac{1}{2}$	4	$5\frac{1}{8}$	14	$3\frac{1}{8}\text{-}\frac{1}{16}$	4	$9\frac{1}{2}$	15	5
4	$0\frac{7}{8}$	13	$1\frac{7}{8}$	4	$5\frac{1}{4}$	14	$3\frac{1}{2}\text{-}\frac{1}{16}$	4	$9\frac{5}{8}$	15	$5\frac{3}{8}$
4	1	13	$2\frac{1}{4}\text{-}\frac{1}{16}$	4	$5\frac{3}{8}$	14	4	4	$9\frac{3}{4}$	15	$5\frac{3}{4}$
4	$1\frac{1}{8}$	13	$2\frac{5}{8}\text{-}\frac{1}{16}$	4	$5\frac{1}{2}$	14	$4\frac{3}{8}$	4	$9\frac{7}{8}$	15	$6\frac{1}{8}$
4	$1\frac{1}{4}$	13	$3\frac{1}{16}$	4	$5\frac{5}{8}$	14	$4\frac{3}{4}\text{-}\frac{1}{16}$	4	10	15	$6\frac{1}{2}$
4	$1\frac{3}{8}$	13	$3\frac{3}{8}\text{-}\frac{1}{16}$	4	$5\frac{3}{4}$	14	$5\frac{1}{8}\text{-}\frac{1}{16}$	4	$10\frac{1}{8}$	15	$6\frac{7}{8}$
4	$1\frac{1}{2}$	13	$3\frac{3}{4}\text{-}\frac{1}{16}$	4	$5\frac{7}{8}$	14	$5\frac{1}{2}\text{-}\frac{1}{16}$	4	$10\frac{1}{4}$	15	$7\frac{1}{4}\text{-}\frac{1}{16}$
4	$1\frac{5}{8}$	13	$4\frac{1}{8}\text{-}\frac{1}{16}$	4	6	14	6	4	$10\frac{3}{8}$	15	$7\frac{5}{8}\text{-}\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
4	$10\frac{1}{2}$	15	$8\frac{1}{8}$	5	$2\frac{7}{8}$	16	$9\frac{7}{8}$	5	$7\frac{1}{4}$	17	$11\frac{1}{2}-\frac{1}{16}$
4	$10\frac{5}{8}$	15	$8\frac{1}{2}$	5	3	16	$10\frac{1}{4}$	5	$7\frac{3}{8}$	18	0
4	$10\frac{3}{4}$	15	$8\frac{7}{8}$	5	$3\frac{1}{8}$	16	$10\frac{5}{8}$	5	$7\frac{1}{2}$	18	$0\frac{3}{8}$
4	$10\frac{7}{8}$	15	$9\frac{1}{4}-\frac{1}{16}$	5	$3\frac{1}{4}$	16	11	5	$7\frac{5}{8}$	18	$0\frac{3}{4}-\frac{1}{16}$
4	11	15	$9\frac{5}{8}-\frac{1}{16}$	5	$3\frac{3}{8}$	16	$11\frac{3}{8}$	5	$7\frac{3}{4}$	18	$1\frac{1}{8}-\frac{1}{16}$
4	$11\frac{1}{8}$	15	$10\frac{1}{16}$	5	$3\frac{1}{2}$	16	$11\frac{3}{4}-\frac{1}{16}$	5	$7\frac{7}{8}$	18	$1\frac{1}{2}-\frac{1}{16}$
4	$11\frac{1}{4}$	15	$10\frac{1}{2}$	5	$3\frac{5}{8}$	17	$0\frac{1}{8}-\frac{1}{16}$	5	8	18	$1\frac{7}{8}-\frac{1}{16}$
4	$11\frac{3}{8}$	15	$10\frac{7}{8}$	5	$3\frac{3}{4}$	17	$0\frac{1}{2}-\frac{1}{16}$	5	$8\frac{1}{8}$	18	$2\frac{1}{4}-\frac{1}{16}$
4	$11\frac{1}{2}$	15	$11\frac{1}{4}$	5	$3\frac{7}{8}$	17	1	5	$8\frac{1}{4}$	18	$2\frac{5}{8}-\frac{1}{16}$
4	$11\frac{5}{8}$	15	$11\frac{5}{8}$	5	4	17	$1\frac{3}{8}$	5	$8\frac{3}{8}$	18	$3\frac{1}{8}$
4	$11\frac{3}{4}$	16	0	5	$4\frac{1}{8}$	17	$1\frac{3}{4}-\frac{1}{16}$	5	$8\frac{1}{2}$	18	$3\frac{1}{2}$
4	$11\frac{7}{8}$	16	$0\frac{3}{8}$	5	$4\frac{1}{4}$	17	$2\frac{1}{8}-\frac{1}{16}$	5	$8\frac{5}{8}$	18	$3\frac{7}{8}$
5	0	16	$0\frac{3}{4}-\frac{1}{16}$	5	$4\frac{3}{8}$	17	$2\frac{1}{2}-\frac{1}{16}$	5	$8\frac{3}{4}$	18	$4\frac{1}{4}-\frac{1}{16}$
5	$0\frac{1}{8}$	16	$1\frac{1}{8}-\frac{1}{16}$	5	$4\frac{1}{2}$	17	3	5	$8\frac{7}{8}$	18	$4\frac{5}{8}-\frac{1}{16}$
5	$0\frac{1}{4}$	16	$1\frac{1}{2}-\frac{1}{16}$	5	$4\frac{5}{8}$	17	$3\frac{3}{8}$	5	9	18	$5\frac{1}{8}$
5	$0\frac{3}{8}$	16	2	5	$4\frac{3}{4}$	17	$3\frac{3}{4}$	5	$9\frac{1}{8}$	18	$5\frac{1}{2}$
5	$0\frac{1}{2}$	16	$2\frac{3}{8}$	5	$4\frac{7}{8}$	17	$4\frac{1}{8}$	5	$9\frac{1}{4}$	18	$5\frac{7}{8}$
5	$0\frac{5}{8}$	16	$2\frac{3}{4}-\frac{1}{16}$	5	5	17	$4\frac{1}{2}$	5	$9\frac{3}{8}$	18	$6\frac{1}{4}-\frac{1}{16}$
5	$0\frac{3}{4}$	16	$3\frac{1}{8}-\frac{1}{16}$	5	$5\frac{1}{8}$	17	$4\frac{7}{8}$	5	$9\frac{1}{2}$	18	$6\frac{5}{8}-\frac{1}{16}$
5	$0\frac{7}{8}$	16	$3\frac{1}{2}-\frac{1}{16}$	5	$5\frac{1}{4}$	17	$5\frac{1}{4}$	5	$9\frac{5}{8}$	18	$7\frac{1}{16}$
5	1	16	4	5	$5\frac{3}{8}$	17	$5\frac{5}{8}-\frac{1}{16}$	5	$9\frac{3}{4}$	18	$7\frac{3}{8}-\frac{1}{16}$
5	$1\frac{1}{8}$	16	$4\frac{3}{8}$	5	$5\frac{1}{2}$	17	$6\frac{1}{8}$	5	$9\frac{7}{8}$	18	$7\frac{3}{4}-\frac{1}{16}$
5	$1\frac{1}{4}$	16	$4\frac{3}{4}$	5	$5\frac{5}{8}$	17	$6\frac{1}{2}$	5	10	18	$8\frac{1}{8}-\frac{1}{16}$
5	$1\frac{3}{8}$	16	$5\frac{1}{8}$	5	$5\frac{3}{4}$	17	$6\frac{7}{8}$	5	$10\frac{1}{8}$	18	$8\frac{1}{2}-\frac{1}{16}$
5	$1\frac{1}{2}$	16	$5\frac{1}{2}$	5	$5\frac{7}{8}$	17	$7\frac{1}{4}$	5	$10\frac{1}{4}$	18	9
5	$1\frac{5}{8}$	16	$5\frac{7}{8}$	5	6	17	$7\frac{5}{8}-\frac{1}{16}$	5	$10\frac{3}{8}$	18	$9\frac{3}{8}$
5	$1\frac{3}{4}$	16	$6\frac{1}{4}-\frac{1}{16}$	5	$6\frac{1}{8}$	17	$8\frac{1}{8}$	5	$10\frac{1}{2}$	18	$9\frac{3}{4}-\frac{1}{16}$
5	$1\frac{7}{8}$	16	$6\frac{5}{8}-\frac{1}{16}$	5	$6\frac{1}{4}$	17	$8\frac{1}{2}$	5	$10\frac{5}{8}$	18	$10\frac{1}{8}-\frac{1}{16}$
5	2	16	$7\frac{1}{8}$	5	$6\frac{3}{8}$	17	$8\frac{7}{8}$	5	$10\frac{3}{4}$	18	$10\frac{1}{2}-\frac{1}{16}$
5	$2\frac{1}{8}$	16	$7\frac{1}{2}$	5	$6\frac{1}{2}$	17	$9\frac{1}{4}$	5	$10\frac{7}{8}$	18	11
5	$2\frac{1}{4}$	16	$7\frac{7}{8}$	5	$6\frac{5}{8}$	17	$9\frac{5}{8}$	5	11	18	$11\frac{3}{8}$
5	$2\frac{3}{8}$	16	$8\frac{1}{4}-\frac{1}{16}$	5	$6\frac{3}{4}$	17	10	5	$11\frac{1}{8}$	18	$11\frac{3}{4}-\frac{1}{16}$
5	$2\frac{1}{2}$	16	$8\frac{5}{8}-\frac{1}{16}$	5	$6\frac{7}{8}$	17	$10\frac{3}{8}$	5	$11\frac{1}{4}$	19	$0\frac{1}{8}-\frac{1}{16}$
5	$2\frac{5}{8}$	16	$9\frac{1}{8}$	5	7	17	$10\frac{3}{4}-\frac{1}{16}$	5	$11\frac{3}{8}$	19	$0\frac{1}{2}-\frac{1}{16}$
5	$2\frac{3}{4}$	16	$9\frac{1}{2}$	5	$7\frac{1}{8}$	17	$11\frac{1}{8}-\frac{1}{16}$	5	$11\frac{1}{2}$	19	$0\frac{7}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
5	$11\frac{5}{8}$	19	$1\frac{1}{4}-\frac{1}{16}$	6	4	20	$3\frac{1}{8}$	6	$8\frac{3}{8}$	21	$4\frac{3}{4}-\frac{1}{16}$
5	$11\frac{3}{4}$	19	$1\frac{5}{8}-\frac{1}{16}$	6	$4\frac{1}{8}$	20	$3\frac{1}{2}$	6	$8\frac{1}{2}$	21	$5\frac{1}{8}-\frac{1}{16}$
5	$11\frac{7}{8}$	19	$2\frac{1}{8}$	6	$4\frac{1}{4}$	20	$3\frac{7}{8}$	6	$8\frac{5}{8}$	21	$5\frac{1}{2}-\frac{1}{16}$
6	0	19	$2\frac{1}{2}$	6	$4\frac{3}{8}$	20	$4\frac{1}{4}-\frac{1}{16}$	6	$8\frac{3}{4}$	21	6
6	$0\frac{1}{8}$	19	$2\frac{7}{8}$	6	$4\frac{1}{2}$	20	$4\frac{5}{8}-\frac{1}{16}$	6	$8\frac{7}{8}$	21	$6\frac{3}{8}$
6	$0\frac{1}{4}$	19	$3\frac{1}{4}-\frac{1}{16}$	6	$4\frac{5}{8}$	20	$5\frac{1}{16}$	6	9	21	$6\frac{3}{4}-\frac{1}{16}$
6	$0\frac{3}{8}$	19	$3\frac{5}{8}-\frac{1}{16}$	6	$4\frac{3}{4}$	20	$5\frac{3}{8}-\frac{1}{16}$	6	$9\frac{1}{8}$	21	$7\frac{1}{8}-\frac{1}{16}$
6	$0\frac{1}{2}$	19	$4\frac{1}{8}$	6	$4\frac{7}{8}$	20	$5\frac{3}{4}-\frac{1}{16}$	6	$9\frac{1}{4}$	21	$7\frac{1}{2}-\frac{1}{16}$
6	$0\frac{5}{8}$	19	$4\frac{1}{2}$	6	5	20	$6\frac{1}{8}-\frac{1}{16}$	6	$9\frac{3}{8}$	21	8
6	$0\frac{3}{4}$	19	$4\frac{7}{8}$	6	$5\frac{1}{8}$	20	$6\frac{1}{2}-\frac{1}{16}$	6	$9\frac{1}{2}$	21	$8\frac{3}{8}$
6	$0\frac{7}{8}$	19	$5\frac{1}{4}-\frac{1}{16}$	6	$5\frac{1}{4}$	20	7	6	$9\frac{5}{8}$	21	$8\frac{3}{4}$
6	1	19	$5\frac{5}{8}-\frac{1}{16}$	6	$5\frac{3}{8}$	20	$7\frac{3}{8}$	6	$9\frac{3}{4}$	21	$9\frac{1}{8}$
6	$1\frac{1}{8}$	19	$6\frac{1}{16}$	6	$5\frac{1}{2}$	20	$7\frac{3}{4}-\frac{1}{16}$	6	$9\frac{7}{8}$	21	$9\frac{1}{2}$
6	$1\frac{1}{4}$	19	$6\frac{3}{8}-\frac{1}{16}$	6	$5\frac{5}{8}$	20	$8\frac{1}{8}-\frac{1}{16}$	6	10	21	$9\frac{7}{8}$
6	$1\frac{3}{8}$	19	$6\frac{3}{4}-\frac{1}{16}$	6	$5\frac{3}{4}$	20	$8\frac{1}{2}-\frac{1}{16}$	6	$10\frac{1}{8}$	21	$10\frac{1}{4}-\frac{1}{16}$
6	$1\frac{1}{2}$	19	$7\frac{1}{8}-\frac{1}{16}$	6	$5\frac{7}{8}$	20	9	6	$10\frac{1}{4}$	21	$10\frac{5}{8}-\frac{1}{16}$
6	$1\frac{5}{8}$	19	$7\frac{1}{2}-\frac{1}{16}$	6	6	20	$9\frac{3}{8}$	6	$10\frac{3}{8}$	21	$11\frac{1}{8}$
6	$1\frac{3}{4}$	19	8	6	$6\frac{1}{8}$	20	$9\frac{3}{4}$	6	$10\frac{1}{2}$	21	$11\frac{1}{2}$
6	$1\frac{7}{8}$	19	$8\frac{3}{8}$	6	$6\frac{1}{4}$	20	$10\frac{1}{8}$	6	$10\frac{5}{8}$	21	$11\frac{7}{8}$
6	2	19	$8\frac{3}{4}-\frac{1}{16}$	6	$6\frac{3}{8}$	20	$10\frac{1}{2}$	6	$10\frac{3}{4}$	22	$0\frac{1}{4}-\frac{1}{16}$
6	$2\frac{1}{8}$	19	$9\frac{1}{8}-\frac{1}{16}$	6	$6\frac{1}{2}$	20	$10\frac{7}{8}$	6	$10\frac{7}{8}$	22	$0\frac{5}{8}-\frac{1}{16}$
6	$2\frac{1}{4}$	19	$9\frac{1}{2}-\frac{1}{16}$	6	$6\frac{5}{8}$	20	$11\frac{1}{4}-\frac{1}{16}$	6	11	22	$1\frac{1}{8}$
6	$2\frac{3}{8}$	19	10	6	$6\frac{3}{4}$	20	$11\frac{5}{8}-\frac{1}{16}$	6	$11\frac{1}{8}$	22	$1\frac{1}{2}$
6	$2\frac{1}{2}$	19	$10\frac{3}{8}$	6	$6\frac{7}{8}$	21	$0\frac{1}{8}$	6	$11\frac{1}{4}$	22	$1\frac{7}{8}$
6	$2\frac{5}{8}$	19	$10\frac{3}{4}-\frac{1}{16}$	6	7	21	$0\frac{1}{2}$	6	$11\frac{3}{8}$	22	$2\frac{1}{4}$
6	$2\frac{3}{4}$	19	$11\frac{1}{8}-\frac{1}{16}$	6	$7\frac{1}{8}$	21	$0\frac{7}{8}$	6	$11\frac{1}{2}$	22	$2\frac{5}{8}$
6	$2\frac{7}{8}$	19	$11\frac{1}{2}-\frac{1}{16}$	6	$7\frac{1}{4}$	21	$1\frac{1}{4}-\frac{1}{16}$	6	$11\frac{5}{8}$	22	3
6	3	19	$11\frac{7}{8}-\frac{1}{16}$	6	$7\frac{3}{8}$	21	$1\frac{5}{8}-\frac{1}{16}$	6	$11\frac{3}{4}$	22	$3\frac{3}{8}$
6	$3\frac{1}{8}$	20	$0\frac{1}{4}-\frac{1}{16}$	6	$7\frac{1}{2}$	21	$2\frac{1}{8}$	6	$11\frac{7}{8}$	22	$3\frac{3}{4}-\frac{1}{16}$
6	$3\frac{1}{4}$	20	$0\frac{5}{8}-\frac{1}{16}$	6	$7\frac{5}{8}$	21	$2\frac{1}{2}$	7	0	22	$4\frac{1}{8}-\frac{1}{16}$
6	$3\frac{3}{8}$	20	$1\frac{1}{8}$	6	$7\frac{3}{4}$	21	$2\frac{7}{8}$	7	$0\frac{1}{8}$	22	$4\frac{1}{2}-\frac{1}{16}$
6	$3\frac{1}{2}$	20	$1\frac{1}{2}$	6	$7\frac{7}{8}$	21	$3\frac{1}{4}$	7	$0\frac{1}{4}$	22	5
6	$3\frac{5}{8}$	20	$1\frac{7}{8}$	6	8	21	$3\frac{5}{8}$	7	$0\frac{3}{8}$	22	$5\frac{3}{8}$
6	$3\frac{3}{4}$	20	$2\frac{1}{4}-\frac{1}{16}$	6	$8\frac{1}{8}$	21	4	7	$0\frac{1}{2}$	22	$5\frac{3}{4}-\frac{1}{16}$
6	$3\frac{7}{8}$	20	$2\frac{5}{8}-\frac{1}{16}$	6	$8\frac{1}{4}$	21	$4\frac{3}{8}$	7	$0\frac{5}{8}$	22	$6\frac{1}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
7	$0\frac{3}{4}$	22	$6\frac{1}{2}-\frac{1}{16}$	7	$5\frac{1}{8}$	23	$8\frac{1}{4}-\frac{1}{16}$	7	$9\frac{1}{2}$	24	$10\frac{1}{16}$
7	$0\frac{7}{8}$	22	7	7	$5\frac{1}{4}$	23	$8\frac{5}{8}-\frac{1}{16}$	7	$9\frac{5}{8}$	24	$10\frac{3}{8}-\frac{1}{16}$
7	1	22	$7\frac{3}{8}$	7	$5\frac{3}{8}$	23	$9\frac{1}{16}$	7	$9\frac{3}{4}$	24	$10\frac{3}{4}-\frac{1}{16}$
7	$1\frac{1}{8}$	22	$7\frac{3}{4}$	7	$5\frac{1}{2}$	23	$9\frac{1}{2}$	7	$9\frac{7}{8}$	24	$11\frac{1}{8}-\frac{1}{16}$
7	$1\frac{1}{4}$	22	$8\frac{1}{8}$	7	$5\frac{5}{8}$	23	$9\frac{7}{8}$	7	10	24	$11\frac{1}{2}-\frac{1}{16}$
7	$1\frac{3}{8}$	22	$8\frac{1}{2}$	7	$5\frac{3}{4}$	23	$10\frac{1}{4}-\frac{1}{16}$	7	$10\frac{1}{8}$	25	0
7	$1\frac{1}{2}$	22	$8\frac{7}{8}$	7	$5\frac{7}{8}$	23	$10\frac{5}{8}-\frac{1}{16}$	7	$10\frac{1}{4}$	25	$0\frac{3}{8}$
7	$1\frac{5}{8}$	22	$9\frac{1}{4}-\frac{1}{16}$	7	6	23	$11\frac{1}{16}$	7	$10\frac{3}{8}$	25	$0\frac{3}{4}-\frac{1}{16}$
7	$1\frac{3}{4}$	22	$9\frac{5}{8}-\frac{1}{16}$	7	$6\frac{1}{8}$	23	$11\frac{3}{8}-\frac{1}{16}$	7	$10\frac{1}{2}$	25	$1\frac{1}{8}-\frac{1}{16}$
7	$1\frac{7}{8}$	22	$10\frac{1}{8}$	7	$6\frac{1}{4}$	23	$11\frac{3}{4}-\frac{1}{16}$	7	$10\frac{5}{8}$	25	$1\frac{1}{2}-\frac{1}{16}$
7	2	22	$10\frac{1}{2}$	7	$6\frac{3}{8}$	24	$0\frac{1}{8}\frac{1}{16}$	7	$10\frac{3}{4}$	25	2
7	$2\frac{1}{8}$	22	$10\frac{7}{8}$	7	$6\frac{1}{2}$	24	$0\frac{1}{2}-\frac{1}{16}$	7	$10\frac{7}{8}$	25	$2\frac{3}{8}$
7	$2\frac{1}{4}$	22	$11\frac{1}{4}-\frac{1}{16}$	7	$6\frac{5}{8}$	24	1	7	11	25	$2\frac{3}{4}-\frac{1}{16}$
7	$2\frac{3}{8}$	22	$11\frac{5}{8}-\frac{1}{16}$	7	$6\frac{3}{4}$	24	$1\frac{3}{8}$	7	$11\frac{1}{8}$	25	$3\frac{1}{8}-\frac{1}{16}$
7	$2\frac{1}{2}$	23	$0\frac{1}{8}$	7	$6\frac{7}{8}$	24	$1\frac{3}{4}-\frac{1}{16}$	7	$11\frac{1}{4}$	25	$3\frac{1}{2}-\frac{1}{16}$
7	$2\frac{5}{8}$	23	$0\frac{1}{2}$	7	7	24	$2\frac{1}{8}-\frac{1}{16}$	7	$11\frac{3}{8}$	25	$3\frac{7}{8}-\frac{1}{16}$
7	$2\frac{3}{4}$	23	$0\frac{7}{8}$	7	$7\frac{1}{8}$	24	$2\frac{1}{2}-\frac{1}{16}$	7	$11\frac{1}{2}$	25	$4\frac{1}{4}-\frac{1}{16}$
7	$2\frac{7}{8}$	23	$1\frac{1}{4}$	7	$7\frac{1}{4}$	24	3	7	$11\frac{5}{8}$	25	$4\frac{5}{8}-\frac{1}{16}$
7	3	23	$1\frac{5}{8}$	7	$7\frac{3}{8}$	24	$3\frac{3}{8}$	7	$11\frac{3}{4}$	25	$5\frac{1}{8}$
7	$3\frac{1}{8}$	23	2	7	$7\frac{1}{2}$	24	$3\frac{3}{4}-\frac{1}{16}$	7	$11\frac{7}{8}$	25	$5\frac{1}{2}$
7	$3\frac{1}{4}$	23	$2\frac{3}{8}$	7	$7\frac{5}{8}$	24	$4\frac{1}{8}-\frac{1}{16}$	8	0	25	$5\frac{7}{8}$
7	$3\frac{3}{8}$	23	$2\frac{3}{4}-\frac{1}{16}$	7	$7\frac{3}{4}$	24	$4\frac{1}{2}-\frac{1}{16}$	8	$0\frac{1}{8}$	25	$6\frac{1}{4}-\frac{1}{16}$
7	$3\frac{1}{2}$	23	$3\frac{1}{8}-\frac{1}{16}$	7	$7\frac{7}{8}$	24	5	8	$0\frac{1}{4}$	25	$6\frac{5}{8}-\frac{1}{16}$
7	$3\frac{5}{8}$	23	$3\frac{1}{2}-\frac{1}{16}$	7	8	24	$5\frac{3}{8}$	8	$0\frac{3}{8}$	25	$7\frac{1}{8}$
7	$3\frac{3}{4}$	23	4	7	$8\frac{1}{8}$	24	$5\frac{3}{4}$	8	$0\frac{1}{2}$	25	$7\frac{1}{2}$
7	$3\frac{7}{8}$	23	$4\frac{3}{8}$	7	$8\frac{1}{4}$	24	$6\frac{1}{8}$	8	$0\frac{5}{8}$	25	$7\frac{7}{8}$
7	4	23	$4\frac{3}{4}-\frac{1}{16}$	7	$8\frac{3}{8}$	24	$6\frac{1}{2}$	8	$0\frac{3}{4}$	25	$8\frac{1}{4}-\frac{1}{16}$
7	$4\frac{1}{8}$	23	$5\frac{1}{8}-\frac{1}{16}$	7	$8\frac{1}{2}$	24	$6\frac{7}{8}$	8	$0\frac{7}{8}$	25	$8\frac{5}{8}-\frac{1}{16}$
7	$4\frac{1}{4}$	23	$5\frac{1}{2}-\frac{1}{16}$	7	$8\frac{5}{8}$	24	$7\frac{1}{4}-\frac{1}{16}$	8	1	25	$9\frac{1}{16}$
7	$4\frac{3}{8}$	23	6	7	$8\frac{3}{4}$	24	$7\frac{5}{8}-\frac{1}{16}$	8	$1\frac{1}{8}$	25	$9\frac{3}{8}-\frac{1}{16}$
7	$4\frac{1}{2}$	23	$6\frac{3}{8}$	7	$8\frac{7}{8}$	24	$8\frac{1}{8}$	8	$1\frac{1}{4}$	25	$9\frac{3}{4}-\frac{1}{16}$
7	$4\frac{5}{8}$	23	$6\frac{3}{4}$	7	9	24	$8\frac{1}{2}$	8	$1\frac{3}{8}$	25	$10\frac{1}{8}-\frac{1}{16}$
7	$4\frac{3}{4}$	23	$7\frac{1}{8}$	7	$9\frac{1}{8}$	24	$8\frac{7}{8}$	8	$1\frac{1}{2}$	25	$10\frac{1}{2}-\frac{1}{16}$
7	$4\frac{7}{8}$	23	$7\frac{1}{2}$	7	$9\frac{1}{4}$	24	$9\frac{1}{4}-\frac{1}{16}$	8	$1\frac{5}{8}$	25	11
7	5	23	$7\frac{7}{8}$	7	$9\frac{3}{8}$	24	$9\frac{5}{8}-\frac{1}{16}$	8	$1\frac{3}{4}$	25	$11\frac{3}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
8	$1\frac{7}{8}$	25	$11\frac{3}{4}\text{-}\frac{1}{16}$	8	$5\frac{3}{8}$	26	$10\frac{3}{4}$	8	$8\frac{7}{8}$	27	$9\frac{3}{4}$
8	2	26	$0\frac{1}{8}\text{-}\frac{1}{16}$	8	$5\frac{1}{2}$	26	$11\frac{1}{8}\text{-}\frac{1}{16}$	8	9	27	$10\frac{1}{4}$
8	$2\frac{1}{8}$	26	$0\frac{1}{2}\text{-}\frac{1}{16}$	8	$5\frac{5}{8}$	26	$11\frac{1}{2}\text{-}\frac{1}{16}$	8	$9\frac{1}{8}$	27	$10\frac{1}{2}$
8	$2\frac{1}{4}$	26	1	8	$5\frac{3}{4}$	26	$11\frac{7}{8}\text{-}\frac{1}{16}$	8	$9\frac{1}{4}$	27	$10\frac{7}{8}\text{-}\frac{1}{16}$
8	$2\frac{3}{8}$	26	$1\frac{3}{8}$	8	$5\frac{7}{8}$	27	$0\frac{1}{4}\text{-}\frac{1}{16}$	8	$9\frac{3}{8}$	27	$11\frac{1}{4}\text{-}\frac{1}{16}$
8	$2\frac{1}{2}$	26	$1\frac{3}{4}\text{-}\frac{1}{16}$	8	6	27	$0\frac{5}{8}\text{-}\frac{1}{16}$	8	$9\frac{1}{2}$	27	$11\frac{3}{4}$
8	$2\frac{5}{8}$	26	$2\frac{1}{8}\text{-}\frac{1}{16}$	8	$6\frac{1}{8}$	27	$1\frac{1}{16}$	8	$9\frac{5}{8}$	28	$0\frac{1}{8}$
8	$2\frac{3}{4}$	26	$2\frac{1}{2}\text{-}\frac{1}{16}$	8	$6\frac{1}{4}$	27	$1\frac{1}{2}$	8	$9\frac{3}{4}$	28	$0\frac{1}{2}$
8	$2\frac{7}{8}$	26	$2\frac{7}{8}\text{-}\frac{1}{16}$	8	$6\frac{3}{8}$	27	$1\frac{7}{8}\text{-}\frac{1}{16}$	8	$9\frac{7}{8}$	28	$0\frac{7}{8}$
8	3	26	$3\frac{1}{4}\text{-}\frac{1}{16}$	8	$6\frac{1}{2}$	27	$2\frac{1}{4}\text{-}\frac{1}{16}$	8	10	28	$1\frac{1}{4}\text{-}\frac{1}{16}$
8	$3\frac{1}{8}$	26	$3\frac{5}{8}\text{-}\frac{1}{16}$	8	$6\frac{5}{8}$	27	$2\frac{5}{8}\text{-}\frac{1}{16}$	8	$10\frac{1}{8}$	28	$1\frac{5}{8}\text{-}\frac{1}{16}$
8	$3\frac{1}{4}$	26	$4\frac{1}{8}$	8	$6\frac{3}{4}$	27	$3\frac{1}{16}$	8	$10\frac{1}{4}$	28	$2\frac{1}{16}$
8	$3\frac{3}{8}$	26	$4\frac{1}{2}$	8	$6\frac{7}{8}$	27	$3\frac{1}{2}$	8	$10\frac{3}{8}$	28	$2\frac{1}{2}$
8	$3\frac{1}{2}$	26	$4\frac{7}{8}$	8	7	27	$3\frac{7}{8}$	8	$10\frac{1}{2}$	28	$2\frac{7}{8}$
8	$3\frac{5}{8}$	26	$5\frac{1}{4}\text{-}\frac{1}{16}$	8	$7\frac{1}{8}$	27	$4\frac{1}{4}$	8	$10\frac{5}{8}$	28	$3\frac{1}{4}$
8	$3\frac{3}{4}$	26	$5\frac{5}{8}\text{-}\frac{1}{16}$	8	$7\frac{1}{4}$	27	$4\frac{5}{8}\text{-}\frac{1}{16}$	8	$10\frac{3}{4}$	28	$3\frac{5}{8}$
8	$3\frac{7}{8}$	26	$6\frac{1}{16}$	8	$7\frac{3}{8}$	27	$5\frac{1}{16}$	8	$10\frac{7}{8}$	28	4
8	4	26	$6\frac{3}{8}\text{-}\frac{1}{16}$	8	$7\frac{1}{2}$	27	$5\frac{3}{8}\text{-}\frac{1}{16}$	8	11	28	$4\frac{3}{8}\text{-}\frac{1}{16}$
8	$4\frac{1}{8}$	26	$6\frac{3}{4}\text{-}\frac{1}{16}$	8	$7\frac{5}{8}$	27	$5\frac{3}{4}\text{-}\frac{1}{16}$	8	$11\frac{1}{8}$	28	$4\frac{7}{8}$
8	$4\frac{1}{4}$	26	$7\frac{1}{4}$	8	$7\frac{3}{4}$	27	$6\frac{1}{4}$	8	$11\frac{1}{4}$	28	$5\frac{1}{4}$
8	$4\frac{3}{8}$	26	$7\frac{5}{8}$	8	$7\frac{7}{8}$	27	$6\frac{5}{8}$	8	$11\frac{3}{8}$	28	$5\frac{5}{8}$
8	$4\frac{1}{2}$	26	8	8	8	27	7	8	$11\frac{1}{2}$	28	6
8	$4\frac{5}{8}$	26	$8\frac{3}{8}\text{-}\frac{1}{16}$	8	$8\frac{1}{8}$	27	$7\frac{3}{8}\text{-}\frac{1}{16}$	8	$11\frac{5}{8}$	28	$6\frac{3}{8}$
8	$4\frac{3}{4}$	26	$8\frac{3}{4}\text{-}\frac{1}{16}$	8	$8\frac{1}{4}$	27	$7\frac{3}{4}\text{-}\frac{1}{16}$	8	$11\frac{3}{4}$	28	$6\frac{3}{4}\text{-}\frac{1}{16}$
8	$4\frac{7}{8}$	26	$9\frac{1}{8}\text{-}\frac{1}{16}$	8	$8\frac{3}{8}$	27	$8\frac{1}{8}\text{-}\frac{1}{16}$	8	$11\frac{7}{8}$	28	$7\frac{1}{8}\text{-}\frac{1}{16}$
8	5	26	$9\frac{1}{2}\text{-}\frac{1}{16}$	8	$8\frac{1}{2}$	27	$8\frac{1}{2}\text{-}\frac{1}{16}$	9	0	28	$7\frac{1}{2}\text{-}\frac{1}{16}$
8	$5\frac{1}{8}$	26	10	8	$8\frac{5}{8}$	27	9				
8	$5\frac{1}{4}$	26	$10\frac{3}{8}$	8	$8\frac{3}{4}$	27	$9\frac{3}{8}$				

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	0	3	$6\frac{3}{8}$	1	$4\frac{3}{8}$	4	$8\frac{1}{8}$	1	$8\frac{3}{4}$	5	$9\frac{7}{8}$
1	$0\frac{1}{8}$	3	$6\frac{3}{4}-\frac{1}{16}$	1	$4\frac{1}{2}$	4	$8\frac{1}{2}$	1	$8\frac{7}{8}$	5	$10\frac{1}{4}$
1	$0\frac{1}{4}$	3	$7\frac{1}{8}-\frac{1}{16}$	1	$4\frac{5}{8}$	4	$8\frac{7}{8}-\frac{1}{16}$	1	9	5	$10\frac{5}{8}$
1	$0\frac{3}{8}$	3	$7\frac{1}{2}-\frac{1}{16}$	1	$4\frac{3}{4}$	4	$9\frac{1}{4}-\frac{1}{16}$	1	$9\frac{1}{8}$	5	$11\frac{1}{16}$
1	$0\frac{1}{2}$	3	$7\frac{7}{8}-\frac{1}{16}$	1	$4\frac{7}{8}$	4	$9\frac{5}{8}-\frac{1}{16}$	1	$9\frac{1}{4}$	5	$11\frac{3}{8}-\frac{1}{16}$
1	$0\frac{5}{8}$	3	$8\frac{1}{4}-\frac{1}{16}$	1	5	4	$10\frac{1}{16}$	1	$9\frac{3}{8}$	5	$11\frac{3}{4}-\frac{1}{16}$
1	$0\frac{3}{4}$	3	$8\frac{3}{4}$	1	$5\frac{1}{8}$	4	$10\frac{1}{2}$	1	$9\frac{1}{2}$	6	$0\frac{1}{4}$
1	$0\frac{7}{8}$	3	$9\frac{1}{8}$	1	$5\frac{1}{4}$	4	$10\frac{7}{8}$	1	$9\frac{5}{8}$	6	$0\frac{5}{8}$
1	1	3	$9\frac{1}{2}-\frac{1}{16}$	1	$5\frac{3}{8}$	4	$11\frac{1}{4}$	1	$9\frac{3}{4}$	6	1
1	$1\frac{1}{8}$	3	$9\frac{7}{8}-\frac{1}{16}$	1	$5\frac{1}{2}$	4	$11\frac{5}{8}-\frac{1}{16}$	1	$9\frac{7}{8}$	6	$1\frac{3}{8}$
1	$1\frac{1}{4}$	3	$10\frac{1}{4}-\frac{1}{16}$	1	$5\frac{5}{8}$	5	$0\frac{1}{16}$	1	10	6	$1\frac{3}{4}-\frac{1}{16}$
1	$1\frac{3}{8}$	3	$10\frac{5}{8}-\frac{1}{16}$	1	$5\frac{3}{4}$	5	$0\frac{3}{8}-\frac{1}{16}$	1	$10\frac{1}{8}$	6	$2\frac{1}{8}-\frac{1}{16}$
1	$1\frac{1}{2}$	3	$11\frac{1}{16}$	1	$5\frac{7}{8}$	5	$0\frac{3}{4}-\frac{1}{16}$	1	$10\frac{1}{4}$	6	$2\frac{1}{2}-\frac{1}{16}$
1	$1\frac{5}{8}$	3	$11\frac{1}{2}$	1	6	5	$1\frac{1}{4}$	1	$10\frac{3}{8}$	6	3
1	$1\frac{3}{4}$	3	$11\frac{7}{8}$	1	$6\frac{1}{8}$	5	$1\frac{5}{8}$	1	$10\frac{1}{2}$	6	$3\frac{3}{8}$
1	$1\frac{7}{8}$	4	$0\frac{1}{4}$	1	$6\frac{1}{4}$	5	2	1	$10\frac{5}{8}$	6	$3\frac{3}{4}$
1	2	4	$0\frac{5}{8}-\frac{1}{16}$	1	$6\frac{3}{8}$	5	$2\frac{3}{8}-\frac{1}{16}$	1	$10\frac{3}{4}$	6	$4\frac{1}{8}$
1	$2\frac{1}{8}$	4	$1\frac{1}{16}$	1	$6\frac{1}{2}$	5	$2\frac{3}{4}-\frac{1}{16}$	1	$10\frac{7}{8}$	6	$4\frac{1}{2}-\frac{1}{16}$
1	$2\frac{1}{4}$	4	$1\frac{3}{8}-\frac{1}{16}$	1	$6\frac{5}{8}$	5	$3\frac{1}{8}-\frac{1}{16}$	1	11	6	$4\frac{7}{8}-\frac{1}{16}$
1	$2\frac{3}{8}$	4	$1\frac{3}{4}-\frac{1}{16}$	1	$6\frac{3}{4}$	5	$3\frac{1}{2}-\frac{1}{16}$	1	$11\frac{1}{8}$	6	$5\frac{1}{4}-\frac{1}{16}$
1	$2\frac{1}{2}$	4	$2\frac{1}{4}$	1	$6\frac{7}{8}$	5	4	1	$11\frac{1}{4}$	6	$5\frac{3}{4}$
1	$2\frac{5}{8}$	4	$2\frac{5}{8}$	1	7	5	$4\frac{3}{8}$	1	$11\frac{3}{8}$	6	$6\frac{1}{8}$
1	$2\frac{3}{4}$	4	$3\frac{1}{16}$	1	$7\frac{1}{8}$	5	$4\frac{3}{4}$	1	$11\frac{1}{2}$	6	$6\frac{1}{2}$
1	$2\frac{7}{8}$	4	$3\frac{3}{8}-\frac{1}{16}$	1	$7\frac{1}{4}$	5	$5\frac{1}{8}-\frac{1}{16}$	1	$11\frac{5}{8}$	6	$6\frac{7}{8}-\frac{1}{16}$
1	3	4	$3\frac{3}{4}-\frac{1}{16}$	1	$7\frac{3}{8}$	5	$5\frac{1}{2}-\frac{1}{16}$	1	$11\frac{3}{4}$	6	$7\frac{1}{4}-\frac{1}{16}$
1	$3\frac{1}{8}$	4	$4\frac{1}{8}-\frac{1}{16}$	1	$7\frac{1}{2}$	5	$5\frac{7}{8}-\frac{1}{16}$	1	$11\frac{7}{8}$	6	$7\frac{3}{4}$
1	$3\frac{1}{4}$	4	$4\frac{1}{2}-\frac{1}{16}$	1	$7\frac{5}{8}$	5	$6\frac{1}{4}-\frac{1}{16}$	2	0	6	$8\frac{1}{8}$
1	$3\frac{3}{8}$	4	5	1	$7\frac{3}{4}$	5	$6\frac{3}{4}$	2	$0\frac{1}{8}$	6	$8\frac{1}{2}$
1	$3\frac{1}{2}$	4	$5\frac{3}{8}$	1	$7\frac{7}{8}$	5	$7\frac{1}{8}$	2	$0\frac{1}{4}$	6	$8\frac{7}{8}$
1	$3\frac{5}{8}$	4	$5\frac{3}{4}$	1	8	5	$7\frac{1}{2}$	2	$0\frac{3}{8}$	6	$9\frac{1}{4}$
1	$3\frac{3}{4}$	4	$6\frac{1}{8}-\frac{1}{16}$	1	$8\frac{1}{8}$	5	$7\frac{7}{8}$	2	$0\frac{1}{2}$	6	$9\frac{5}{8}-\frac{1}{16}$
1	$3\frac{7}{8}$	4	$6\frac{1}{2}-\frac{1}{16}$	1	$8\frac{1}{4}$	5	$8\frac{1}{4}-\frac{1}{16}$	2	$0\frac{5}{8}$	6	$10\frac{1}{16}$
1	4	4	$6\frac{7}{8}-\frac{1}{16}$	1	$8\frac{3}{8}$	5	$8\frac{5}{8}-\frac{1}{16}$	2	$0\frac{3}{4}$	6	$10\frac{3}{8}-\frac{1}{16}$
1	$4\frac{1}{8}$	4	$7\frac{1}{4}-\frac{1}{16}$	1	$8\frac{1}{2}$	5	$9\frac{1}{16}$	2	$0\frac{7}{8}$	6	$10\frac{3}{4}-\frac{1}{16}$
1	$4\frac{1}{4}$	4	$7\frac{3}{4}$	1	$8\frac{5}{8}$	5	$9\frac{1}{2}$	2	1	6	$11\frac{1}{4}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
2	$1\frac{1}{8}$	6	$11\frac{5}{8}$	2	$5\frac{1}{2}$	8	$1\frac{3}{8}$	2	$9\frac{7}{8}$	9	$3\frac{1}{8}$
2	$1\frac{1}{4}$	7	0	2	$5\frac{5}{8}$	8	$1\frac{3}{4}-\frac{1}{16}$	2	10	9	$3\frac{1}{2}$
2	$1\frac{3}{8}$	7	$0\frac{3}{8}-\frac{1}{16}$	2	$5\frac{3}{4}$	8	$2\frac{1}{8}-\frac{1}{16}$	2	$10\frac{1}{8}$	9	$3\frac{7}{8}$
2	$1\frac{1}{2}$	7	$0\frac{3}{4}-\frac{1}{16}$	2	$5\frac{7}{8}$	8	$2\frac{1}{2}-\frac{1}{16}$	2	$10\frac{1}{4}$	9	$4\frac{1}{4}-\frac{1}{16}$
2	$1\frac{5}{8}$	7	$1\frac{1}{8}-\frac{1}{16}$	2	6	8	3	2	$10\frac{3}{8}$	9	$4\frac{5}{8}-\frac{1}{16}$
2	$1\frac{3}{4}$	7	$1\frac{1}{2}-\frac{1}{16}$	2	$6\frac{1}{8}$	8	$3\frac{3}{8}$	2	$10\frac{1}{2}$	9	$5\frac{1}{16}$
2	$1\frac{7}{8}$	7	2	2	$6\frac{1}{4}$	8	$3\frac{3}{4}$	2	$10\frac{5}{8}$	9	$5\frac{1}{2}$
2	2	7	$2\frac{3}{8}$	2	$6\frac{3}{8}$	8	$4\frac{1}{8}$	2	$10\frac{3}{4}$	9	$5\frac{7}{8}$
2	$2\frac{1}{8}$	7	$2\frac{3}{4}$	2	$6\frac{1}{2}$	8	$4\frac{1}{2}$	2	$10\frac{7}{8}$	9	$6\frac{1}{4}-\frac{1}{16}$
2	$2\frac{1}{4}$	7	$3\frac{1}{8}$	2	$6\frac{5}{8}$	8	$4\frac{7}{8}$	2	11	9	$6\frac{3}{8}-\frac{1}{16}$
2	$2\frac{3}{8}$	7	$3\frac{1}{2}-\frac{1}{16}$	2	$6\frac{3}{4}$	8	$5\frac{1}{4}\ \frac{1}{16}$	2	$11\frac{1}{8}$	9	$7\frac{1}{16}$
2	$2\frac{1}{2}$	7	$3\frac{7}{8}-\frac{1}{16}$	2	$6\frac{7}{8}$	8	$5\frac{5}{8}-\frac{1}{16}$	2	$11\frac{1}{4}$	9	$7\frac{3}{8}-\frac{1}{16}$
2	$2\frac{5}{8}$	7	$4\frac{1}{4}-\frac{1}{16}$	2	7	8	$6\frac{1}{16}$	2	$11\frac{3}{8}$	9	$7\frac{3}{4}-\frac{1}{16}$
2	$2\frac{3}{4}$	7	$4\frac{3}{4}$	2	$7\frac{1}{8}$	8	$6\frac{1}{2}$	2	$11\frac{1}{2}$	9	$8\frac{1}{8}-\frac{1}{16}$
2	$2\frac{7}{8}$	7	$5\frac{1}{8}$	2	$7\frac{1}{4}$	8	$6\frac{7}{8}$	2	$11\frac{5}{8}$	9	$8\frac{1}{2}-\frac{1}{16}$
2	3	7	$5\frac{1}{2}$	2	$7\frac{3}{8}$	8	$7\frac{1}{4}-\frac{1}{16}$	2	$11\frac{3}{4}$	9	9
2	$3\frac{1}{8}$	7	$5\frac{7}{8}$	2	$7\frac{1}{2}$	8	$7\frac{5}{8}-\frac{1}{16}$	2	$11\frac{7}{8}$	9	$9\frac{3}{8}$
2	$3\frac{1}{4}$	7	$6\frac{1}{4}-\frac{1}{16}$	2	$7\frac{5}{8}$	8	$8\frac{1}{16}$	3	0	9	$9\frac{3}{4}-\frac{1}{16}$
2	$3\frac{3}{8}$	7	$6\frac{5}{8}-\frac{1}{16}$	2	$7\frac{3}{4}$	8	$8\frac{1}{2}$	3	$0\frac{1}{8}$	9	$10\frac{1}{8}-\frac{1}{16}$
2	$3\frac{1}{2}$	7	$7\frac{1}{16}$	2	$7\frac{7}{8}$	8	$8\frac{7}{8}$	3	$0\frac{1}{4}$	9	$10\frac{1}{2}-\frac{1}{16}$
2	$3\frac{5}{8}$	7	$7\frac{3}{8}-\frac{1}{16}$	2	8	8	$9\frac{1}{8}\frac{1}{16}$	3	$0\frac{3}{8}$	9	11
2	$3\frac{3}{4}$	7	$7\frac{7}{8}$	2	$8\frac{1}{8}$	8	$9\frac{1}{2}-\frac{1}{16}$	3	$0\frac{1}{2}$	9	$11\frac{3}{8}$
2	$3\frac{7}{8}$	7	$8\frac{1}{4}$	2	$8\frac{1}{4}$	8	10	3	$0\frac{5}{8}$	9	$11\frac{3}{4}-\frac{1}{16}$
2	4	7	$8\frac{5}{8}$	2	$8\frac{3}{8}$	8	$10\frac{3}{8}$	3	$0\frac{3}{4}$	10	$0\frac{1}{8}-\frac{1}{16}$
2	$4\frac{1}{8}$	7	$9\frac{1}{16}$	2	$8\frac{1}{2}$	8	$10\frac{3}{4}-\frac{1}{16}$	3	$0\frac{7}{8}$	10	$0\frac{1}{2}-\frac{1}{16}$
2	$4\frac{1}{4}$	7	$9\frac{3}{8}-\frac{1}{16}$	2	$8\frac{5}{8}$	8	$11\frac{1}{8}-\frac{1}{16}$	3	1	10	1
2	$4\frac{3}{8}$	7	$9\frac{3}{4}-\frac{1}{16}$	2	$8\frac{3}{4}$	8	$11\frac{5}{8}$	3	$1\frac{1}{8}$	10	$1\frac{3}{8}$
2	$4\frac{1}{2}$	7	$10\frac{1}{4}$	2	$8\frac{7}{8}$	9	0	3	$1\frac{1}{4}$	10	$1\frac{3}{4}$
2	$4\frac{5}{8}$	7	$10\frac{5}{8}$	2	9	9	$0\frac{3}{8}$	3	$1\frac{3}{8}$	10	$2\frac{1}{8}$
2	$4\frac{3}{4}$	7	11	2	$9\frac{1}{8}$	9	$0\frac{3}{4}-\frac{1}{16}$	3	$1\frac{1}{2}$	10	$2\frac{1}{2}$
2	$4\frac{7}{8}$	7	$11\frac{3}{8}$	2	$9\frac{1}{4}$	9	$1\frac{1}{8}-\frac{1}{16}$	3	$1\frac{5}{8}$	10	$2\frac{7}{8}$
2	5	7	$11\frac{3}{4}-\frac{1}{16}$	2	$9\frac{3}{8}$	9	$1\frac{5}{8}$	3	$1\frac{3}{4}$	10	$3\frac{1}{4}-\frac{1}{16}$
2	$5\frac{1}{8}$	8	$0\frac{1}{8}-\frac{1}{16}$	2	$9\frac{1}{2}$	9	2	3	$1\frac{7}{8}$	10	$3\frac{5}{8}-\frac{1}{16}$
2	$5\frac{1}{4}$	8	$0\frac{1}{2}-\frac{1}{16}$	2	$9\frac{5}{8}$	9	$2\frac{3}{8}$	3	2	10	$4\frac{1}{8}$
2	$5\frac{3}{8}$	8	1	2	$9\frac{3}{4}$	9	$2\frac{3}{4}$	3	$2\frac{1}{8}$	10	$4\frac{1}{2}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	$2\frac{1}{4}$	10	$4\frac{7}{8}$	3	$6\frac{5}{8}$	11	$6\frac{1}{2}$-$\frac{1}{16}$	3	11	12	$8\frac{3}{8}$
3	$2\frac{3}{8}$	10	$5\frac{1}{4}$-$\frac{1}{16}$	3	$6\frac{3}{4}$	11	7	3	$11\frac{1}{8}$	12	$8\frac{3}{4}$-$\frac{1}{16}$
3	$2\frac{1}{2}$	10	$5\frac{5}{8}$-$\frac{1}{16}$	3	$6\frac{7}{8}$	11	$7\frac{3}{8}$	3	$11\frac{1}{4}$	12	$9\frac{1}{8}$-$\frac{1}{16}$
3	$2\frac{5}{8}$	10	$6\frac{1}{16}$	3	7	11	$7\frac{3}{4}$-$\frac{1}{16}$	3	$11\frac{3}{8}$	12	$9\frac{1}{2}$-$\frac{1}{16}$
3	$2\frac{3}{4}$	10	$6\frac{3}{8}$-$\frac{1}{16}$	3	$7\frac{1}{8}$	11	$8\frac{1}{8}$-$\frac{1}{16}$	3	$11\frac{1}{2}$	12	$9\frac{7}{8}$-$\frac{1}{16}$
3	$2\frac{7}{8}$	10	$6\frac{3}{4}$-$\frac{1}{16}$	3	$7\frac{1}{4}$	11	$8\frac{1}{2}$-$\frac{1}{16}$	3	$11\frac{5}{8}$	12	$10\frac{1}{4}$-$\frac{1}{16}$
3	3	10	$7\frac{1}{8}$-$\frac{1}{16}$	3	$7\frac{3}{8}$	11	9	3	$11\frac{3}{4}$	12	$10\frac{5}{8}$-$\frac{1}{16}$
3	$3\frac{1}{8}$	10	$7\frac{5}{8}$	3	$7\frac{1}{2}$	11	$9\frac{3}{8}$	3	$11\frac{7}{8}$	12	$11\frac{1}{16}$
3	$3\frac{1}{4}$	10	8	3	$7\frac{5}{8}$	11	$9\frac{3}{4}$-$\frac{1}{16}$	4	0	12	$11\frac{1}{2}$
3	$3\frac{3}{8}$	10	$8\frac{3}{8}$	3	$7\frac{3}{4}$	11	$10\frac{1}{8}$-$\frac{1}{16}$	4	$0\frac{1}{8}$	12	$11\frac{7}{8}$
3	$3\frac{1}{2}$	10	$8\frac{3}{4}$-$\frac{1}{16}$	3	$7\frac{7}{8}$	11	$10\frac{1}{2}$-$\frac{1}{16}$	4	$0\frac{1}{4}$	13	$0\frac{1}{4}$-$\frac{1}{16}$
3	$3\frac{5}{8}$	10	$9\frac{1}{8}$-$\frac{1}{16}$	3	8	11	$10\frac{7}{8}$-$\frac{1}{16}$	4	$0\frac{3}{8}$	13	$0\frac{5}{8}$-$\frac{1}{16}$
3	$3\frac{3}{4}$	10	$9\frac{5}{8}$	3	$8\frac{1}{8}$	11	$11\frac{1}{4}$-$\frac{1}{16}$	4	$0\frac{1}{2}$	13	$1\frac{1}{16}$
3	$3\frac{7}{8}$	10	10	3	$8\frac{1}{4}$	11	$11\frac{5}{8}$-$\frac{1}{16}$	4	$0\frac{5}{8}$	13	$1\frac{1}{2}$
3	4	10	$10\frac{3}{8}$	3	$8\frac{3}{8}$	12	$0\frac{1}{16}$	4	$0\frac{3}{4}$	13	$1\frac{7}{8}$
3	$4\frac{1}{8}$	10	$10\frac{3}{4}$-$\frac{1}{16}$	3	$8\frac{1}{2}$	12	$0\frac{1}{2}$	4	$0\frac{7}{8}$	13	$2\frac{1}{4}$-$\frac{1}{16}$
3	$4\frac{1}{4}$	10	$11\frac{1}{8}$-$\frac{1}{16}$	3	$8\frac{5}{8}$	12	$0\frac{7}{8}$	4	1	13	$2\frac{5}{8}$-$\frac{1}{16}$
3	$4\frac{3}{8}$	10	$11\frac{1}{2}$-$\frac{1}{16}$	3	$8\frac{3}{4}$	12	$1\frac{1}{4}$-$\frac{1}{16}$	4	$1\frac{1}{8}$	13	$3\frac{1}{16}$
3	$4\frac{1}{2}$	10	$11\frac{7}{8}$-$\frac{1}{16}$	3	$8\frac{7}{8}$	12	$1\frac{5}{8}$-$\frac{1}{16}$	4	$1\frac{1}{4}$	13	$3\frac{3}{8}$-$\frac{1}{16}$
3	$4\frac{5}{8}$	11	$0\frac{1}{4}$-$\frac{1}{16}$	3	9	12	$2\frac{1}{16}$	4	$1\frac{3}{8}$	13	$3\frac{3}{4}$-$\frac{1}{16}$
3	$4\frac{3}{4}$	11	$0\frac{5}{8}$-$\frac{1}{16}$	3	$9\frac{1}{8}$	12	$2\frac{1}{2}$	4	$1\frac{1}{2}$	13	$4\frac{1}{8}$-$\frac{1}{16}$
3	$4\frac{7}{8}$	11	$1\frac{1}{16}$	3	$9\frac{1}{4}$	12	$2\frac{7}{8}$	4	$1\frac{5}{8}$	13	$4\frac{1}{2}$-$\frac{1}{16}$
3	5	11	$1\frac{1}{2}$	3	$9\frac{3}{8}$	12	$3\frac{1}{4}$-$\frac{1}{16}$	4	$1\frac{3}{4}$	13	5
3	$5\frac{1}{8}$	11	$1\frac{7}{8}$	3	$9\frac{1}{2}$	12	$3\frac{5}{8}$-$\frac{1}{16}$	4	$1\frac{7}{8}$	13	$5\frac{3}{8}$
3	$5\frac{1}{4}$	11	$2\frac{1}{4}$-$\frac{1}{16}$	3	$9\frac{5}{8}$	12	$4\frac{1}{16}$	4	2	13	$5\frac{3}{4}$-$\frac{1}{16}$
3	$5\frac{3}{8}$	11	$2\frac{5}{8}$-$\frac{1}{16}$	3	$9\frac{3}{4}$	12	$4\frac{3}{8}$-$\frac{1}{16}$	4	$2\frac{1}{8}$	13	$6\frac{1}{8}$-$\frac{1}{16}$
3	$5\frac{1}{2}$	11	$3\frac{1}{16}$	3	$9\frac{7}{8}$	12	$4\frac{3}{4}$-$\frac{1}{16}$	4	$2\frac{1}{4}$	13	$6\frac{1}{2}$-$\frac{1}{16}$
3	$5\frac{5}{8}$	11	$3\frac{1}{2}$	3	10	12	$5\frac{1}{8}$-$\frac{1}{16}$	4	$2\frac{3}{8}$	13	7
3	$5\frac{3}{4}$	11	$3\frac{7}{8}$	3	$10\frac{1}{8}$	12	$5\frac{1}{2}$-$\frac{1}{16}$	4	$2\frac{1}{2}$	13	$7\frac{3}{8}$
3	$5\frac{7}{8}$	11	$4\frac{1}{4}$-$\frac{1}{16}$	3	$10\frac{1}{4}$	12	6	4	$2\frac{5}{8}$	13	$7\frac{3}{4}$
3	6	11	$4\frac{5}{8}$-$\frac{1}{16}$	3	$10\frac{3}{8}$	12	$6\frac{3}{8}$	4	$2\frac{3}{4}$	13	$8\frac{1}{8}$
3	$6\frac{1}{8}$	11	$5\frac{1}{16}$	3	$10\frac{1}{2}$	12	$6\frac{3}{4}$-$\frac{1}{16}$	4	$2\frac{7}{8}$	13	$8\frac{1}{2}$
3	$6\frac{1}{4}$	11	$5\frac{3}{8}$-$\frac{1}{16}$	3	$10\frac{5}{8}$	12	$7\frac{1}{8}$-$\frac{1}{16}$	4	3	13	$8\frac{7}{8}$
3	$6\frac{3}{8}$	11	$5\frac{3}{4}$-$\frac{1}{16}$	3	$10\frac{3}{4}$	12	$7\frac{1}{2}$-$\frac{1}{16}$	4	$3\frac{1}{8}$	13	$9\frac{1}{4}$-$\frac{1}{16}$
3	$6\frac{1}{2}$	11	$6\frac{1}{8}$-$\frac{1}{16}$	3	$10\frac{7}{8}$	12	8	4	$3\frac{1}{4}$	13	$9\frac{5}{8}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
4	$3\frac{3}{8}$	13	$10-\frac{1}{16}$	4	$7\frac{3}{4}$	14	$11\frac{7}{8}$	5	$0\frac{1}{8}$	16	$1\frac{1}{2}-\frac{1}{16}$
4	$3\frac{1}{2}$	13	$10\frac{1}{2}$	4	$7\frac{7}{8}$	15	$0\frac{1}{4}$	5	$0\frac{1}{4}$	16	2
4	$3\frac{5}{8}$	13	$10\frac{7}{8}$	4	8	15	$0\frac{5}{8}$	5	$0\frac{3}{8}$	16	$2\frac{3}{8}$
4	$3\frac{3}{4}$	13	$11\frac{1}{4}-\frac{1}{16}$	4	$8\frac{1}{8}$	15	1	5	$0\frac{1}{2}$	16	$2\frac{3}{4}-\frac{1}{16}$
4	$3\frac{7}{8}$	13	$11\frac{5}{8}-\frac{1}{16}$	4	$8\frac{1}{4}$	15	$1\frac{3}{8}$	5	$0\frac{5}{8}$	16	$3\frac{1}{8}-\frac{1}{16}$
4	4	14	$0\frac{1}{16}$	4	$8\frac{3}{8}$	15	$1\frac{3}{4}-\frac{1}{16}$	5	$0\frac{3}{4}$	16	$3\frac{1}{2}-\frac{1}{16}$
4	$4\frac{1}{8}$	14	$0\frac{1}{2}$	4	$8\frac{1}{2}$	15	$2\frac{1}{8}-\frac{1}{16}$	5	$0\frac{7}{8}$	16	4
4	$4\frac{1}{4}$	14	$0\frac{7}{8}$	4	$8\frac{5}{8}$	15	$2\frac{1}{2}-\frac{1}{16}$	5	1	16	$4\frac{3}{8}$
4	$4\frac{3}{8}$	14	$1\frac{1}{4}$	4	$8\frac{3}{4}$	15	3	5	$1\frac{1}{8}$	16	$4\frac{3}{4}$
4	$4\frac{1}{2}$	14	$1\frac{5}{8}$	4	$8\frac{7}{8}$	15	$3\frac{3}{8}$	5	$1\frac{1}{4}$	16	$5\frac{1}{8}$
4	$4\frac{5}{8}$	14	2	4	9	15	$3\frac{3}{4}-\frac{1}{16}$	5	$1\frac{3}{8}$	16	$5\frac{1}{2}$
4	$4\frac{3}{4}$	14	$2\frac{3}{8}$	4	$9\frac{1}{8}$	15	$4\frac{1}{8}-\frac{1}{16}$	5	$1\frac{1}{2}$	16	$5\frac{7}{8}$
4	$4\frac{7}{8}$	14	$2\frac{3}{4}-\frac{1}{16}$	4	$9\frac{1}{4}$	15	$4\frac{1}{2}-\frac{1}{16}$	5	$1\frac{5}{8}$	16	$6\frac{1}{4}-\frac{1}{16}$
4	5	14	$3\frac{1}{8}-\frac{1}{16}$	4	$9\frac{3}{8}$	15	5	5	$1\frac{3}{4}$	16	$6\frac{5}{8}-\frac{1}{16}$
4	$5\frac{1}{8}$	14	$3\frac{1}{2}-\frac{1}{16}$	4	$9\frac{1}{2}$	15	$5\frac{3}{8}$	5	$1\frac{7}{8}$	16	$7\frac{1}{8}$
4	$5\frac{1}{4}$	14	4	4	$9\frac{5}{8}$	15	$5\frac{3}{4}$	5	2	16	$7\frac{1}{2}$
4	$5\frac{3}{8}$	14	$4\frac{3}{8}$	4	$9\frac{3}{4}$	15	$6\frac{1}{8}$	5	$2\frac{1}{8}$	16	$7\frac{7}{8}$
4	$5\frac{1}{2}$	14	$4\frac{3}{4}-\frac{1}{16}$	4	$9\frac{7}{8}$	15	$6\frac{1}{2}$	5	$2\frac{1}{4}$	16	$8\frac{1}{4}-\frac{1}{16}$
4	$5\frac{5}{8}$	14	$5\frac{1}{8}-\frac{1}{16}$	4	10	15	$6\frac{7}{8}$	5	$2\frac{3}{8}$	16	$8\frac{5}{8}-\frac{1}{16}$
4	$5\frac{3}{4}$	14	$5\frac{1}{2}-\frac{1}{16}$	4	$10\frac{1}{8}$	15	$7\frac{1}{4}-\frac{1}{16}$	5	$2\frac{1}{2}$	16	$9\frac{1}{8}$
4	$5\frac{7}{8}$	14	6	4	$10\frac{1}{4}$	15	$7\frac{5}{8}-\frac{1}{16}$	5	$2\frac{5}{8}$	16	$9\frac{1}{2}$
4	6	14	$6\frac{3}{8}$	4	$10\frac{3}{8}$	15	$8\frac{1}{8}$	5	$2\frac{3}{4}$	16	$9\frac{7}{8}$
4	$6\frac{1}{8}$	14	$6\frac{3}{4}$	4	$10\frac{1}{2}$	15	$8\frac{1}{2}$	5	$2\frac{7}{8}$	16	$10\frac{1}{4}$
4	$6\frac{1}{4}$	14	$7\frac{1}{8}$	4	$10\frac{5}{8}$	15	$8\frac{7}{8}$	5	3	16	$10\frac{5}{8}$
4	$6\frac{3}{8}$	14	$7\frac{1}{2}$	4	$10\frac{3}{4}$	15	$9\frac{1}{4}-\frac{1}{16}$	5	$3\frac{1}{8}$	16	11
4	$6\frac{1}{2}$	14	$7\frac{7}{8}$	4	$10\frac{7}{8}$	15	$9\frac{5}{8}-\frac{1}{16}$	5	$3\frac{1}{4}$	16	$11\frac{3}{8}$
4	$6\frac{5}{8}$	14	$8\frac{1}{4}-\frac{1}{16}$	4	11	15	$10\frac{1}{16}$	5	$3\frac{3}{8}$	16	$11\frac{3}{4}-\frac{1}{16}$
4	$6\frac{3}{4}$	14	$8\frac{5}{8}-\frac{1}{16}$	4	$11\frac{1}{8}$	15	$10\frac{1}{2}$	5	$3\frac{1}{2}$	17	$0\frac{1}{8}-\frac{1}{16}$
4	$6\frac{7}{8}$	14	$9\frac{1}{8}$	4	$11\frac{1}{4}$	15	$10\frac{7}{8}$	5	$3\frac{5}{8}$	17	$0\frac{1}{2}-\frac{1}{16}$
4	7	14	$9\frac{1}{2}$	4	$11\frac{3}{8}$	15	$11\frac{1}{4}$	5	$3\frac{3}{4}$	17	1
4	$7\frac{1}{8}$	14	$9\frac{7}{8}$	4	$11\frac{1}{2}$	15	$11\frac{5}{8}$	5	$3\frac{7}{8}$	17	$1\frac{3}{8}$
4	$7\frac{1}{4}$	14	$10\frac{1}{4}$	4	$11\frac{5}{8}$	16	0	5	4	17	$1\frac{3}{4}-\frac{1}{16}$
4	$7\frac{3}{8}$	14	$10\frac{5}{8}-\frac{1}{16}$	4	$11\frac{3}{4}$	16	$0\frac{3}{8}$	5	$4\frac{1}{8}$	17	$2\frac{1}{8}-\frac{1}{16}$
4	$7\frac{1}{2}$	14	$11\frac{1}{8}$	4	$11\frac{7}{8}$	16	$0\frac{3}{4}-\frac{1}{16}$	5	$4\frac{1}{4}$	17	$2\frac{1}{2}-\frac{1}{16}$
4	$7\frac{5}{8}$	14	$11\frac{1}{2}$	5	0	16	$1\frac{1}{8}-\frac{1}{16}$	5	$4\frac{3}{8}$	17	3

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
5	$4\frac{1}{2}$	17	$3\frac{3}{8}$	5	$8\frac{7}{8}$	18	$5\frac{1}{8}$	6	$1\frac{1}{4}$	19	$6\frac{3}{4}-\frac{1}{16}$
5	$4\frac{5}{8}$	17	$3\frac{3}{4}$	5	9	18	$5\frac{1}{2}$	6	$1\frac{3}{8}$	19	$7\frac{1}{8}-\frac{1}{16}$
5	$4\frac{3}{4}$	17	$4\frac{1}{8}$	5	$9\frac{1}{8}$	18	$5\frac{7}{8}$	6	$1\frac{1}{2}$	19	$7\frac{1}{2}-\frac{1}{16}$
5	$4\frac{7}{8}$	17	$4\frac{1}{2}$	5	$9\frac{1}{4}$	18	$6\frac{1}{4}-\frac{1}{16}$	6	$1\frac{5}{8}$	19	8
5	5	17	$4\frac{7}{8}$	5	$9\frac{3}{8}$	18	$6\frac{3}{8}-\frac{1}{16}$	6	$1\frac{3}{4}$	19	$8\frac{3}{8}$
5	$5\frac{1}{8}$	17	$5\frac{1}{4}$	5	$9\frac{1}{2}$	18	$7\frac{1}{16}$	6	$1\frac{7}{8}$	19	$8\frac{3}{4}-\frac{1}{16}$
5	$5\frac{1}{4}$	17	$5\frac{5}{8}-\frac{1}{16}$	5	$9\frac{5}{8}$	18	$7\frac{3}{8}-\frac{1}{16}$	6	2	19	$9\frac{1}{8}-\frac{1}{16}$
5	$5\frac{3}{8}$	17	$6\frac{1}{8}$	5	$9\frac{3}{4}$	18	$7\frac{3}{4}-\frac{1}{16}$	6	$2\frac{1}{8}$	19	$9\frac{1}{2}-\frac{1}{16}$
5	$5\frac{1}{2}$	17	$6\frac{1}{2}$	5	$9\frac{7}{8}$	18	$8\frac{1}{8}-\frac{1}{16}$	6	$2\frac{1}{4}$	19	10
5	$5\frac{5}{8}$	17	$6\frac{7}{8}$	5	10	18	$8\frac{1}{2}-\frac{1}{16}$	6	$2\frac{3}{8}$	19	$10\frac{3}{8}$
5	$5\frac{3}{4}$	17	$7\frac{1}{4}$	5	$10\frac{1}{8}$	18	9	6	$2\frac{1}{2}$	19	$10\frac{3}{4}-\frac{1}{16}$
5	$5\frac{7}{8}$	17	$7\frac{5}{8}-\frac{1}{16}$	5	$10\frac{1}{4}$	18	$9\frac{3}{8}$	6	$2\frac{5}{8}$	19	$11\frac{1}{8}-\frac{1}{16}$
5	6	17	$8\frac{1}{8}$	5	$10\frac{3}{8}$	18	$9\frac{3}{4}-\frac{1}{16}$	6	$2\frac{3}{4}$	19	$11\frac{1}{4}-\frac{1}{16}$
5	$6\frac{1}{8}$	17	$8\frac{1}{2}$	5	$10\frac{1}{2}$	18	$10\frac{1}{8}-\frac{1}{16}$	6	$2\frac{7}{8}$	19	$11\frac{7}{8}-\frac{1}{16}$
5	$6\frac{1}{4}$	17	$8\frac{7}{8}$	5	$10\frac{5}{8}$	18	$10\frac{1}{2}-\frac{1}{16}$	6	3	20	$0\frac{1}{4}-\frac{1}{16}$
5	$6\frac{3}{8}$	17	$9\frac{1}{4}$	5	$10\frac{3}{4}$	18	11	6	$3\frac{1}{8}$	20	$0\frac{5}{8}-\frac{1}{16}$
5	$6\frac{1}{2}$	17	$9\frac{5}{8}$	5	$10\frac{7}{8}$	18	$11\frac{3}{8}$	6	$3\frac{1}{4}$	20	$1\frac{1}{8}$
5	$6\frac{5}{8}$	17	10	5	11	18	$11\frac{3}{4}-\frac{1}{16}$	6	$3\frac{3}{8}$	20	$1\frac{1}{2}$
5	$6\frac{3}{4}$	17	$10\frac{3}{8}$	5	$11\frac{1}{8}$	19	$0\frac{1}{8}-\frac{1}{16}$	6	$3\frac{1}{2}$	20	$1\frac{7}{8}$
5	$6\frac{7}{8}$	17	$10\frac{3}{4}-\frac{1}{16}$	5	$11\frac{1}{4}$	19	$0\frac{1}{2}-\frac{1}{16}$	6	$3\frac{5}{8}$	20	$2\frac{1}{4}-\frac{1}{16}$
5	7	17	$11\frac{1}{8}-\frac{1}{16}$	5	$11\frac{3}{8}$	19	$0\frac{7}{8}-\frac{1}{16}$	6	$3\frac{3}{4}$	20	$2\frac{5}{8}-\frac{1}{16}$
5	$7\frac{1}{8}$	17	$11\frac{1}{2}-\frac{1}{16}$	5	$11\frac{1}{2}$	19	$1\frac{1}{4}-\frac{1}{16}$	6	$3\frac{7}{8}$	20	$3\frac{1}{8}$
5	$7\frac{1}{4}$	18	0	5	$11\frac{5}{8}$	19	$1\frac{5}{8}-\frac{1}{16}$	6	4	20	$3\frac{1}{2}$
5	$7\frac{3}{8}$	18	$0\frac{3}{8}$	5	$11\frac{3}{4}$	19	$2\frac{1}{8}$	6	$4\frac{1}{8}$	20	$3\frac{7}{8}$
5	$7\frac{1}{2}$	18	$0\frac{3}{4}-\frac{1}{16}$	5	$11\frac{7}{8}$	19	$2\frac{1}{2}$	6	$4\frac{1}{4}$	20	$4\frac{1}{4}-\frac{1}{16}$
5	$7\frac{5}{8}$	18	$1\frac{1}{8}-\frac{1}{16}$	6	0	19	$2\frac{7}{8}$	6	$4\frac{3}{8}$	20	$4\frac{5}{8}-\frac{1}{16}$
5	$7\frac{3}{4}$	18	$1\frac{1}{2}-\frac{1}{16}$	6	$0\frac{1}{8}$	19	$3\frac{1}{4}-\frac{1}{16}$	6	$4\frac{1}{2}$	20	$5\frac{1}{16}$
5	$7\frac{7}{8}$	18	$1\frac{7}{8}-\frac{1}{16}$	6	$0\frac{1}{4}$	19	$3\frac{5}{8}-\frac{1}{16}$	6	$4\frac{5}{8}$	20	$5\frac{3}{8}-\frac{1}{16}$
5	8	18	$2\frac{1}{4}-\frac{1}{16}$	6	$0\frac{3}{8}$	19	$4\frac{1}{8}$	6	$4\frac{3}{4}$	20	$5\frac{3}{4}-\frac{1}{16}$
5	$8\frac{1}{8}$	18	$2\frac{5}{8}-\frac{1}{16}$	6	$0\frac{1}{2}$	19	$4\frac{1}{2}$	6	$4\frac{7}{8}$	20	$6\frac{1}{8}-\frac{1}{16}$
5	$8\frac{1}{4}$	18	$3\frac{1}{8}$	6	$0\frac{5}{8}$	19	$4\frac{7}{8}$	6	5	20	$6\frac{1}{2}-\frac{1}{16}$
5	$8\frac{3}{8}$	18	$3\frac{1}{2}$	6	$0\frac{3}{4}$	19	$5\frac{1}{4}-\frac{1}{16}$	6	$5\frac{1}{8}$	20	7
5	$8\frac{1}{2}$	18	$3\frac{7}{8}$	6	$0\frac{7}{8}$	19	$5\frac{5}{8}-\frac{1}{16}$	6	$5\frac{1}{4}$	20	$7\frac{3}{8}$
5	$8\frac{5}{8}$	18	$4\frac{1}{4}-\frac{1}{16}$	6	1	19	$6\frac{1}{16}$	6	$5\frac{3}{8}$	20	$7\frac{3}{4}-\frac{1}{16}$
5	$8\frac{3}{4}$	18	$4\frac{5}{8}-\frac{1}{16}$	6	$1\frac{1}{8}$	19	$6\frac{3}{8}-\frac{1}{16}$	6	$5\frac{1}{2}$	20	$8\frac{1}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
6	$5\frac{5}{8}$	20	$8\frac{1}{2}-\frac{1}{16}$	6	10	21	$10\frac{1}{4}-\frac{1}{16}$	7	$2\frac{3}{8}$	23	$0\frac{1}{8}$
6	$5\frac{3}{4}$	20	9	6	$10\frac{1}{8}$	21	$10\frac{5}{8}-\frac{1}{16}$	7	$2\frac{1}{2}$	23	$0\frac{1}{2}$
6	$5\frac{7}{8}$	20	$9\frac{3}{8}$	6	$10\frac{1}{4}$	21	$11\frac{1}{8}$	7	$2\frac{5}{8}$	23	$0\frac{7}{8}$
6	6	20	$9\frac{3}{4}$	6	$10\frac{3}{8}$	21	$11\frac{1}{2}$	7	$2\frac{3}{4}$	23	$1\frac{1}{4}$
6	$6\frac{1}{8}$	20	$10\frac{1}{8}$	6	$10\frac{1}{2}$	21	$11\frac{7}{8}$	7	$2\frac{7}{8}$	23	$1\frac{5}{8}$
6	$6\frac{1}{4}$	20	$10\frac{1}{2}$	6	$10\frac{5}{8}$	22	$0\frac{1}{4}-\frac{1}{16}$	7	3	23	2
6	$6\frac{3}{8}$	20	$10\frac{7}{8}$	6	$10\frac{3}{4}$	22	$0\frac{5}{8}-\frac{1}{16}$	7	$3\frac{1}{8}$	23	$2\frac{3}{8}$
6	$6\frac{1}{2}$	20	$11\frac{1}{4}-\frac{1}{16}$	6	$10\frac{7}{8}$	22	$1\frac{1}{8}$	7	$3\frac{1}{4}$	23	$2\frac{3}{4}-\frac{1}{16}$
6	$6\frac{5}{8}$	20	$11\frac{5}{8}-\frac{1}{16}$	6	11	22	$1\frac{1}{2}$	7	$3\frac{3}{8}$	23	$3\frac{1}{8}-\frac{1}{16}$
6	$6\frac{3}{4}$	21	$0\frac{1}{8}$	6	$11\frac{1}{8}$	22	$1\frac{7}{8}$	7	$3\frac{1}{2}$	23	$3\frac{1}{2}-\frac{1}{16}$
6	$6\frac{7}{8}$	21	$0\frac{1}{2}$	6	$11\frac{1}{4}$	22	$2\frac{1}{4}$	7	$3\frac{5}{8}$	23	4
6	7	21	$0\frac{7}{8}$	6	$11\frac{3}{8}$	22	$2\frac{5}{8}$	7	$3\frac{3}{4}$	23	$4\frac{3}{8}$
6	$7\frac{1}{8}$	21	$1\frac{1}{4}-\frac{1}{16}$	6	$11\frac{1}{2}$	22	3	7	$3\frac{7}{8}$	23	$4\frac{3}{4}-\frac{1}{16}$
6	$7\frac{1}{4}$	21	$1\frac{5}{8}-\frac{1}{16}$	6	$11\frac{5}{8}$	22	$3\frac{3}{8}$	7	4	23	$5\frac{1}{8}-\frac{1}{16}$
6	$7\frac{3}{8}$	21	$2\frac{1}{8}$	6	$11\frac{3}{4}$	22	$3\frac{3}{4}-\frac{1}{16}$	7	$4\frac{1}{8}$	23	$5\frac{1}{2}-\frac{1}{16}$
6	$7\frac{1}{2}$	21	$2\frac{1}{2}$	6	$11\frac{7}{8}$	22	$4\frac{1}{8}-\frac{1}{16}$	7	$4\frac{1}{4}$	23	6
6	$7\frac{5}{8}$	21	$2\frac{7}{8}$	7	0	22	$4\frac{1}{2}-\frac{1}{16}$	7	$4\frac{3}{8}$	23	$6\frac{3}{8}$
6	$7\frac{3}{4}$	21	$3\frac{1}{4}$	7	$0\frac{1}{8}$	22	5	7	$4\frac{1}{2}$	23	$6\frac{3}{4}$
6	$7\frac{7}{8}$	21	$3\frac{5}{8}$	7	$0\frac{1}{4}$	22	$5\frac{3}{8}$	7	$4\frac{5}{8}$	23	$7\frac{1}{8}$
6	8	21	4	7	$0\frac{3}{8}$	22	$5\frac{3}{4}-\frac{1}{16}$	7	$4\frac{3}{4}$	23	$7\frac{1}{2}$
6	$8\frac{1}{8}$	21	$4\frac{3}{8}$	7	$0\frac{1}{2}$	22	$6\frac{1}{8}-\frac{1}{16}$	7	$4\frac{7}{8}$	23	$7\frac{7}{8}$
6	$8\frac{1}{4}$	21	$4\frac{3}{4}-\frac{1}{16}$	7	$0\frac{5}{8}$	22	$6\frac{1}{2}-\frac{1}{16}$	7	5	23	$8\frac{1}{4}-\frac{1}{16}$
6	$8\frac{3}{8}$	21	$5\frac{1}{8}-\frac{1}{16}$	7	$0\frac{3}{4}$	22	7	7	$5\frac{1}{8}$	23	$8\frac{5}{8}-\frac{1}{16}$
6	$8\frac{1}{2}$	21	$5\frac{1}{2}-\frac{1}{16}$	7	$0\frac{7}{8}$	22	$7\frac{3}{8}$	7	$5\frac{1}{4}$	23	$9\frac{1}{16}$
6	$8\frac{5}{8}$	21	6	7	1	22	$7\frac{3}{4}$	7	$5\frac{3}{8}$	23	$9\frac{1}{2}$
6	$8\frac{3}{4}$	21	$6\frac{3}{8}$	7	$1\frac{1}{8}$	22	$8\frac{1}{8}$	7	$5\frac{1}{2}$	23	$9\frac{7}{8}$
6	$8\frac{7}{8}$	21	$6\frac{3}{4}-\frac{1}{16}$	7	$1\frac{1}{4}$	22	$8\frac{1}{2}$	7	$5\frac{5}{8}$	23	$10\frac{1}{4}-\frac{1}{16}$
6	9	21	$7\frac{1}{8}-\frac{1}{16}$	7	$1\frac{3}{8}$	22	$8\frac{7}{8}$	7	$5\frac{3}{4}$	23	$10\frac{5}{8}-\frac{1}{16}$
6	$9\frac{1}{8}$	21	$7\frac{1}{2}-\frac{1}{16}$	7	$1\frac{1}{2}$	22	$9\frac{1}{4}-\frac{1}{16}$	7	$5\frac{7}{8}$	23	$11\frac{1}{16}$
6	$9\frac{1}{4}$	21	8	7	$1\frac{5}{8}$	22	$9\frac{5}{8}-\frac{1}{16}$	7	6	23	$11\frac{3}{8}-\frac{1}{16}$
6	$9\frac{3}{8}$	21	$8\frac{3}{8}$	7	$1\frac{3}{4}$	22	$10\frac{1}{8}$	7	$6\frac{1}{8}$	23	$11\frac{3}{4}-\frac{1}{16}$
6	$9\frac{1}{2}$	21	$8\frac{3}{4}$	7	$1\frac{7}{8}$	22	$10\frac{1}{2}$	7	$6\frac{1}{4}$	24	$0\frac{1}{8}-\frac{1}{16}$
6	$9\frac{5}{8}$	21	$9\frac{1}{8}$	7	2	22	$10\frac{7}{8}$	7	$6\frac{3}{8}$	24	$0\frac{1}{2}-\frac{1}{16}$
6	$9\frac{3}{4}$	21	$9\frac{1}{2}$	7	$2\frac{1}{8}$	22	$11\frac{1}{4}-\frac{1}{16}$	7	$6\frac{1}{2}$	24	1
6	$9\frac{7}{8}$	21	$9\frac{7}{8}$	7	$2\frac{1}{4}$	22	$11\frac{5}{8}-\frac{1}{16}$	7	$6\frac{5}{8}$	24	$1\frac{3}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
7	$6\frac{3}{4}$	24	$1\frac{3}{4}$-$\frac{1}{16}$	7	$11\frac{1}{8}$	25	$3\frac{1}{2}$-$\frac{1}{16}$	8	$3\frac{1}{2}$	26	$5\frac{1}{4}$-$\frac{1}{16}$
7	$6\frac{7}{8}$	24	$2\frac{1}{8}$-$\frac{1}{16}$	7	$11\frac{1}{4}$	25	$3\frac{7}{8}$-$\frac{1}{16}$	8	$3\frac{5}{8}$	26	$5\frac{5}{8}$-$\frac{1}{16}$
7	7	24	$2\frac{1}{2}$-$\frac{1}{16}$	7	$11\frac{3}{8}$	25	$4\frac{1}{4}$-$\frac{1}{16}$	8	$3\frac{3}{4}$	26	$6\frac{1}{16}$
7	$7\frac{1}{8}$	24	3	7	$11\frac{1}{2}$	25	$4\frac{5}{8}$-$\frac{1}{16}$	8	$3\frac{7}{8}$	26	$6\frac{3}{8}$-$\frac{1}{16}$
7	$7\frac{1}{4}$	24	$3\frac{3}{8}$	7	$11\frac{5}{8}$	25	$5\frac{1}{8}$	8	4	26	$6\frac{3}{4}$-$\frac{1}{16}$
7	$7\frac{3}{8}$	24	$3\frac{3}{4}$-$\frac{1}{16}$	7	$11\frac{3}{4}$	25	$5\frac{1}{2}$	8	$4\frac{1}{8}$	26	$7\frac{1}{4}$
7	$7\frac{1}{2}$	24	$4\frac{1}{8}$-$\frac{1}{16}$	7	$11\frac{7}{8}$	25	$5\frac{7}{8}$	8	$4\frac{1}{4}$	26	$7\frac{5}{8}$
7	$7\frac{5}{8}$	24	$4\frac{1}{2}$-$\frac{1}{16}$	8	0	25	$6\frac{1}{4}$-$\frac{1}{16}$	8	$4\frac{3}{8}$	26	8
7	$7\frac{3}{4}$	24	5	8	$0\frac{1}{8}$	25	$6\frac{5}{8}$-$\frac{1}{16}$	8	$4\frac{1}{2}$	26	$8\frac{3}{8}$-$\frac{1}{16}$
7	$7\frac{7}{8}$	24	$5\frac{3}{8}$	8	$0\frac{1}{4}$	25	$7\frac{1}{8}$	8	$4\frac{5}{8}$	26	$8\frac{3}{4}$-$\frac{1}{16}$
7	8	24	$5\frac{3}{4}$	8	$0\frac{3}{8}$	25	$7\frac{1}{2}$	8	$4\frac{3}{4}$	26	$9\frac{1}{8}$-$\frac{1}{16}$
7	$8\frac{1}{8}$	24	$6\frac{1}{8}$	8	$0\frac{1}{2}$	25	$7\frac{7}{8}$	8	$4\frac{7}{8}$	26	$9\frac{1}{2}$-$\frac{1}{16}$
7	$8\frac{1}{4}$	24	$6\frac{1}{2}$	8	$0\frac{5}{8}$	25	$8\frac{1}{4}$-$\frac{1}{16}$	8	5	26	10
7	$8\frac{3}{8}$	24	$6\frac{7}{8}$	8	$0\frac{3}{4}$	25	$8\frac{5}{8}$-$\frac{1}{16}$	8	$5\frac{1}{8}$	26	$10\frac{3}{8}$
7	$8\frac{1}{2}$	24	$7\frac{1}{4}$-$\frac{1}{16}$	8	$0\frac{7}{8}$	25	$9\frac{1}{16}$	8	$5\frac{1}{4}$	26	$10\frac{3}{4}$
7	$8\frac{5}{8}$	24	$7\frac{5}{8}$-$\frac{1}{16}$	8	1	25	$9\frac{3}{8}$-$\frac{1}{16}$	8	$5\frac{3}{8}$	26	$11\frac{1}{8}$-$\frac{1}{16}$
7	$8\frac{3}{4}$	24	$8\frac{1}{8}$	8	$1\frac{1}{8}$	25	$9\frac{3}{4}$-$\frac{1}{16}$	8	$5\frac{1}{2}$	26	$11\frac{1}{2}$-$\frac{1}{16}$
7	$8\frac{7}{8}$	24	$8\frac{1}{2}$	8	$1\frac{1}{4}$	25	$10\frac{1}{8}$-$\frac{1}{16}$	8	$5\frac{5}{8}$	26	$11\frac{7}{8}$-$\frac{1}{16}$
7	9	24	$8\frac{7}{8}$	8	$1\frac{3}{8}$	25	$10\frac{1}{2}$-$\frac{1}{16}$	8	$5\frac{3}{4}$	27	$0\frac{1}{4}$-$\frac{1}{16}$
7	$9\frac{1}{8}$	24	$9\frac{1}{4}$-$\frac{1}{16}$	8	$1\frac{1}{2}$	25	11	8	$5\frac{7}{8}$	27	$0\frac{3}{8}$-$\frac{1}{16}$
7	$9\frac{1}{4}$	24	$9\frac{5}{8}$-$\frac{1}{16}$	8	$1\frac{5}{8}$	25	$11\frac{3}{8}$	8	6	27	$1\frac{1}{16}$
7	$9\frac{3}{8}$	24	$10\frac{1}{16}$	8	$1\frac{3}{4}$	25	$11\frac{3}{4}$-$\frac{1}{16}$	8	$6\frac{1}{8}$	27	$1\frac{1}{2}$
7	$9\frac{1}{2}$	24	$10\frac{3}{8}$-$\frac{1}{16}$	8	$1\frac{7}{8}$	26	$0\frac{1}{8}$-$\frac{1}{16}$	8	$6\frac{1}{4}$	27	$1\frac{7}{8}$-$\frac{1}{16}$
7	$9\frac{5}{8}$	24	$10\frac{3}{4}$-$\frac{1}{16}$	8	2	26	$0\frac{1}{2}$-$\frac{1}{16}$	8	$6\frac{3}{8}$	27	$2\frac{1}{4}$-$\frac{1}{16}$
7	$9\frac{3}{4}$	24	$11\frac{1}{8}$-$\frac{1}{16}$	8	$2\frac{1}{8}$	26	1	8	$6\frac{1}{2}$	27	$2\frac{5}{8}$-$\frac{1}{16}$
7	$9\frac{7}{8}$	24	$11\frac{1}{2}$-$\frac{1}{16}$	8	$2\frac{1}{4}$	26	$1\frac{3}{8}$	8	$6\frac{5}{8}$	27	$3\frac{1}{16}$
7	10	25	0	8	$2\frac{3}{8}$	26	$1\frac{3}{4}$-$\frac{1}{16}$	8	$6\frac{3}{4}$	27	$3\frac{1}{2}$
7	$10\frac{1}{8}$	25	$0\frac{3}{8}$	8	$2\frac{1}{2}$	26	$2\frac{1}{8}$-$\frac{1}{16}$	8	$6\frac{7}{8}$	27	$3\frac{7}{8}$
7	$10\frac{1}{4}$	25	$0\frac{3}{4}$-$\frac{1}{16}$	8	$2\frac{5}{8}$	26	$2\frac{1}{2}$-$\frac{1}{16}$	8	7	27	$4\frac{1}{4}$
7	$10\frac{3}{8}$	25	$1\frac{1}{8}$-$\frac{1}{16}$	8	$2\frac{3}{4}$	26	$2\frac{7}{8}$-$\frac{1}{16}$	8	$7\frac{1}{8}$	27	$4\frac{5}{8}$-$\frac{1}{16}$
7	$10\frac{1}{2}$	25	$1\frac{1}{2}$-$\frac{1}{16}$	8	$2\frac{7}{8}$	26	$3\frac{1}{4}$-$\frac{1}{16}$	8	$7\frac{1}{4}$	27	$5\frac{1}{16}$
7	$10\frac{5}{8}$	25	2	8	3	26	$3\frac{5}{8}$-$\frac{1}{16}$	8	$7\frac{3}{8}$	27	$5\frac{3}{8}$-$\frac{1}{16}$
7	$10\frac{3}{4}$	25	$2\frac{3}{8}$	8	$3\frac{1}{8}$	26	$4\frac{1}{8}$	8	$7\frac{1}{2}$	27	$5\frac{3}{4}$-$\frac{1}{16}$
7	$10\frac{7}{8}$	25	$2\frac{3}{4}$-$\frac{1}{16}$	8	$3\frac{1}{4}$	26	$4\frac{1}{2}$	8	$7\frac{5}{8}$	27	$6\frac{1}{4}$
7	11	25	$3\frac{1}{8}$-$\frac{1}{16}$	8	$3\frac{3}{8}$	26	$4\frac{7}{8}$	8	$7\frac{3}{4}$	27	$6\frac{5}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-INCH.

Diam.		Circum.		Diam.		Circum		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
8	$7\frac{7}{8}$	27	7	9	$0\frac{1}{4}$	28	$8\frac{3}{4}$	9	$4\frac{5}{8}$	29	$10\frac{1}{2}$
8	8	27	$7\frac{3}{8}-\frac{1}{16}$	9	$0\frac{3}{8}$	28	$9\frac{1}{8}$	9	$4\frac{3}{4}$	29	$10\frac{7}{8}$
8	$8\frac{1}{8}$	27	$7\frac{3}{4}-\frac{1}{16}$	9	$0\frac{1}{2}$	28	$9\frac{1}{2}$	9	$4\frac{7}{8}$	29	$11\frac{1}{4}-\frac{1}{16}$
8	$8\frac{1}{4}$	27	$8\frac{1}{8}-\frac{1}{16}$	9	$0\frac{5}{8}$	28	$9\frac{7}{8}-\frac{1}{16}$	9	5	29	$11\frac{5}{8}-\frac{1}{16}$
8	$8\frac{3}{8}$	27	$8\frac{1}{2}-\frac{1}{16}$	9	$0\frac{3}{4}$	28	$10\frac{1}{4}-\frac{1}{16}$	9	$5\frac{1}{8}$	30	$0\frac{1}{16}$
8	$8\frac{1}{2}$	27	9	9	$0\frac{7}{8}$	28	$10\frac{3}{4}$	9	$5\frac{1}{4}$	30	$0\frac{3}{8}-\frac{1}{16}$
8	$8\frac{5}{8}$	27	$9\frac{3}{8}$	9	1	28	$11\frac{1}{8}$	9	$5\frac{3}{8}$	30	$0\frac{7}{8}$
8	$8\frac{3}{4}$	27	$9\frac{3}{4}$	9	$1\frac{1}{8}$	28	$11\frac{1}{2}$	9	$5\frac{1}{2}$	30	$1\frac{1}{4}$
8	$8\frac{7}{8}$	27	$10\frac{1}{8}$	9	$1\frac{1}{4}$	28	$11\frac{7}{8}$	9	$5\frac{5}{8}$	30	$1\frac{5}{8}$
8	9	27	$10\frac{1}{2}$	9	$1\frac{3}{8}$	29	$0\frac{1}{4}-\frac{1}{16}$	9	$5\frac{3}{4}$	30	2
8	$9\frac{1}{8}$	27	$10\frac{7}{8}-\frac{1}{16}$	9	$1\frac{1}{2}$	29	$0\frac{5}{8}-\frac{1}{16}$	9	$5\frac{7}{8}$	30	$2\frac{3}{8}-\frac{1}{16}$
8	$9\frac{1}{4}$	27	$11\frac{1}{4}-\frac{1}{16}$	9	$1\frac{5}{8}$	29	$1\frac{1}{16}$	9	6	30	$2\frac{3}{4}-\frac{1}{16}$
8	$9\frac{3}{8}$	27	$11\frac{3}{4}$	9	$1\frac{3}{4}$	29	$1\frac{1}{2}$	9	$6\frac{1}{8}$	30	$3\frac{1}{4}$
8	$9\frac{1}{2}$	28	$0\frac{1}{8}$	9	$1\frac{7}{8}$	29	$1\frac{7}{8}$	9	$6\frac{1}{4}$	30	$3\frac{5}{8}$
8	$9\frac{5}{8}$	28	$0\frac{1}{2}$	9	2	29	$2\frac{1}{4}$	9	$6\frac{3}{8}$	30	4
8	$9\frac{3}{4}$	28	$0\frac{7}{8}$	9	$2\frac{1}{8}$	29	$2\frac{5}{8}$	9	$6\frac{1}{2}$	30	$4\frac{3}{8}$
8	$9\frac{7}{8}$	28	$1\frac{1}{4}-\frac{1}{16}$	9	$2\frac{1}{4}$	29	3	9	$6\frac{5}{8}$	30	$4\frac{3}{4}$
8	10	28	$1\frac{5}{8}-\frac{1}{16}$	9	$2\frac{3}{8}$	29	$3\frac{3}{8}-\frac{1}{16}$	9	$6\frac{3}{4}$	30	$5\frac{1}{8}-\frac{1}{16}$
8	$10\frac{1}{8}$	28	$2\frac{1}{16}$	9	$2\frac{1}{2}$	29	$3\frac{3}{4}-\frac{1}{16}$	9	$6\frac{7}{8}$	30	$5\frac{1}{2}-\frac{1}{16}$
8	$10\frac{1}{4}$	28	$2\frac{1}{2}$	9	$2\frac{5}{8}$	29	$4\frac{1}{4}$	9	7	30	6
8	$10\frac{3}{8}$	28	$2\frac{7}{8}$	9	$2\frac{3}{4}$	29	$4\frac{5}{8}$	9	$7\frac{1}{8}$	30	$6\frac{3}{8}$
8	$10\frac{1}{2}$	28	$3\frac{1}{4}$	9	$2\frac{7}{8}$	29	5	9	$7\frac{1}{4}$	30	$6\frac{3}{4}$
8	$10\frac{5}{8}$	28	$3\frac{5}{8}$	9	3	29	$5\frac{3}{8}$	9	$7\frac{3}{8}$	30	$7\frac{1}{8}$
8	$10\frac{3}{4}$	28	4	9	$3\frac{1}{8}$	29	$5\frac{3}{4}-\frac{1}{16}$	9	$7\frac{1}{2}$	30	$7\frac{1}{2}$
8	$10\frac{7}{8}$	28	$4\frac{3}{8}-\frac{1}{16}$	9	$3\frac{1}{4}$	29	$6\frac{1}{8}-\frac{1}{16}$	9	$7\frac{5}{8}$	30	$7\frac{7}{8}-\frac{1}{16}$
8	11	28	$4\frac{7}{8}$	9	$3\frac{3}{8}$	29	$6\frac{1}{2}-\frac{1}{16}$	9	$7\frac{3}{4}$	30	$8\frac{1}{4}-\frac{1}{16}$
8	$11\frac{1}{8}$	28	$5\frac{1}{4}$	9	$3\frac{1}{2}$	29	7	9	$7\frac{7}{8}$	30	$8\frac{3}{4}$
8	$11\frac{1}{4}$	28	$5\frac{5}{8}$	9	$3\frac{5}{8}$	29	$7\frac{3}{8}$	9	8	30	$9\frac{1}{8}$
8	$11\frac{3}{8}$	28	6	9	$3\frac{3}{4}$	29	$7\frac{3}{4}$	9	$8\frac{1}{8}$	30	$9\frac{1}{2}$
8	$11\frac{1}{2}$	28	$6\frac{3}{8}$	9	$3\frac{7}{8}$	29	$8\frac{1}{8}$	9	$8\frac{1}{4}$	30	$9\frac{7}{8}$
8	$11\frac{5}{8}$	28	$6\frac{3}{4}-\frac{1}{16}$	9	4	29	$8\frac{1}{2}-\frac{1}{16}$	9	$8\frac{3}{8}$	30	$10\frac{1}{4}$
8	$11\frac{3}{4}$	28	$7\frac{1}{8}-\frac{1}{16}$	9	$4\frac{1}{8}$	29	$8\frac{7}{8}-\frac{1}{16}$	9	$8\frac{1}{2}$	30	$10\frac{5}{8}-\frac{1}{16}$
8	$11\frac{7}{8}$	28	$7\frac{1}{2}-\frac{1}{16}$	9	$4\frac{1}{4}$	29	$9\frac{1}{4}-\frac{1}{16}$	9	$8\frac{5}{8}$	30	$11\frac{1}{16}$
9	0	28	8	9	$4\frac{3}{8}$	29	$9\frac{3}{4}$	9	$8\frac{3}{4}$	30	$11\frac{3}{8}-\frac{1}{16}$
9	$0\frac{1}{8}$	28	$8\frac{3}{8}$	9	$4\frac{1}{2}$	29	$10\frac{1}{8}$	9	$8\frac{7}{8}$	30	$11\frac{3}{4}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
9	9	31	$0\frac{1}{4}$	10	$1\frac{3}{8}$	32	2	10	$5\frac{3}{4}$	33	$3\frac{3}{4}$
9	$9\frac{1}{8}$	31	$0\frac{5}{8}$	10	$1\frac{1}{2}$	32	$2\frac{3}{8}$	10	$5\frac{7}{8}$	33	$4\frac{1}{8}$
9	$9\frac{1}{4}$	31	1	10	$1\frac{5}{8}$	32	$2\frac{3}{4}-\frac{1}{16}$	10	6	33	$4\frac{1}{2}$
9	$9\frac{3}{8}$	31	$1\frac{3}{8}-\frac{1}{16}$	10	$1\frac{3}{4}$	32	$3\frac{1}{8}-\frac{1}{16}$	10	$6\frac{1}{8}$	33	$4\frac{7}{8}$
9	$9\frac{1}{2}$	31	$1\frac{3}{4}-\frac{1}{16}$	10	$1\frac{7}{8}$	32	$3\frac{1}{2}-\frac{1}{16}$	10	$6\frac{1}{4}$	33	$5\frac{1}{4}-\frac{1}{16}$
9	$9\frac{5}{8}$	31	$2\frac{1}{4}$	10	2	32	$3\frac{7}{8}-\frac{1}{16}$	10	$6\frac{3}{8}$	33	$5\frac{3}{8}-\frac{1}{16}$
9	$9\frac{3}{4}$	31	$2\frac{5}{8}$	10	$2\frac{1}{8}$	32	$4\frac{3}{8}$	10	$6\frac{1}{2}$	33	$6\frac{1}{16}$
9	$9\frac{7}{8}$	31	3	10	$2\frac{1}{4}$	32	$4\frac{3}{4}$	10	$6\frac{5}{8}$	33	$6\frac{1}{2}$
9	10	31	$3\frac{3}{8}$	10	$2\frac{3}{8}$	32	$5\frac{1}{8}$	10	$6\frac{3}{4}$	33	$6\frac{7}{8}$
9	$10\frac{1}{8}$	31	$3\frac{3}{4}$	10	$2\frac{1}{2}$	32	$5\frac{1}{2}$	10	$6\frac{7}{8}$	33	$7\frac{1}{4}$
9	$10\frac{1}{4}$	31	$4\frac{1}{8}$	10	$2\frac{5}{8}$	32	$5\frac{7}{8}-\frac{1}{16}$	10	7	33	$7\frac{5}{8}-\frac{1}{16}$
9	$10\frac{3}{8}$	31	$4\frac{1}{2}-\frac{1}{16}$	10	$2\frac{3}{4}$	32	$6\frac{1}{4}-\frac{1}{16}$	10	$7\frac{1}{8}$	33	$8\frac{1}{16}$
9	$10\frac{1}{2}$	31	5	10	$2\frac{7}{8}$	32	$6\frac{5}{8}-\frac{1}{16}$	10	$7\frac{1}{4}$	33	$8\frac{3}{4}-\frac{1}{16}$
9	$10\frac{5}{8}$	31	$5\frac{3}{8}$	10	3	32	$7\frac{1}{8}$	10	$7\frac{3}{8}$	33	$8\frac{7}{8}$
9	$10\frac{3}{4}$	31	$5\frac{3}{4}$	10	$3\frac{1}{8}$	32	$7\frac{1}{2}$	10	$7\frac{1}{2}$	33	$9\frac{1}{4}$
9	$10\frac{7}{8}$	31	$6\frac{1}{8}$	10	$3\frac{1}{4}$	32	$7\frac{7}{8}$	10	$7\frac{5}{8}$	33	$9\frac{5}{8}$
9	11	31	$6\frac{1}{2}$	10	$3\frac{3}{8}$	32	$8\frac{1}{4}$	10	$7\frac{3}{4}$	33	10
9	$11\frac{1}{8}$	31	$6\frac{7}{8}$	10	$3\frac{1}{2}$	32	$8\frac{5}{8}-\frac{1}{16}$	10	$7\frac{7}{8}$	33	$10\frac{3}{8}-\frac{1}{16}$
9	$11\frac{1}{4}$	31	$7\frac{1}{4}-\frac{1}{16}$	10	$3\frac{5}{8}$	32	$9\frac{1}{16}$	10	8	33	$10\frac{3}{4}-\frac{1}{16}$
9	$11\frac{3}{8}$	31	$7\frac{5}{8}-\frac{1}{16}$	10	$3\frac{3}{4}$	32	$9\frac{3}{8}-\frac{1}{16}$	10	$8\frac{1}{8}$	33	$11\frac{1}{8}-\frac{1}{16}$
9	$11\frac{1}{2}$	31	$8\frac{1}{8}$	10	$3\frac{7}{8}$	32	$9\frac{3}{4}-\frac{1}{16}$	10	$8\frac{1}{4}$	33	$11\frac{1}{2}-\frac{1}{16}$
9	$11\frac{5}{8}$	31	$8\frac{1}{2}$	10	4	32	$10\frac{1}{4}$	10	$8\frac{3}{8}$	34	0
9	$11\frac{3}{4}$	31	$8\frac{7}{8}$	10	$4\frac{1}{8}$	32	$10\frac{5}{8}$	10	$8\frac{1}{2}$	34	$0\frac{3}{8}$
9	$11\frac{7}{8}$	31	$9\frac{1}{4}$	10	$4\frac{1}{4}$	32	11	10	$8\frac{5}{8}$	34	$0\frac{3}{4}$
10	0	31	$9\frac{5}{8}-\frac{1}{16}$	10	$4\frac{3}{8}$	32	$11\frac{3}{8}-\frac{1}{16}$	10	$8\frac{3}{4}$	34	$1\frac{1}{8}-\frac{1}{16}$
10	$0\frac{1}{8}$	31	$10\frac{1}{16}$	10	$4\frac{1}{2}$	32	$11\frac{3}{4}-\frac{1}{16}$	10	$8\frac{7}{8}$	34	$1\frac{1}{2}-\frac{1}{16}$
10	$0\frac{1}{4}$	31	$10\frac{3}{8}-\frac{1}{16}$	10	$4\frac{5}{8}$	33	$0\frac{1}{4}$	10	9	34	$1\frac{7}{8}-\frac{1}{16}$
10	$0\frac{3}{8}$	31	$10\frac{7}{8}$	10	$4\frac{3}{4}$	33	$0\frac{5}{8}$	10	$9\frac{1}{8}$	34	$2\frac{1}{4}-\frac{1}{16}$
10	$0\frac{1}{2}$	31	$11\frac{1}{4}$	10	$4\frac{7}{8}$	33	1	10	$9\frac{1}{4}$	34	$2\frac{3}{4}$
10	$0\frac{5}{8}$	31	$11\frac{5}{8}$	10	5	33	$1\frac{3}{8}$	10	$9\frac{3}{8}$	34	$3\frac{1}{8}$
10	$0\frac{3}{4}$	32	0	10	$5\frac{1}{8}$	33	$1\frac{3}{4}$	10	$9\frac{1}{2}$	34	$3\frac{1}{2}$
10	$0\frac{7}{8}$	32	$0\frac{3}{8}-\frac{1}{16}$	10	$5\frac{1}{4}$	33	$2\frac{1}{8}-\frac{1}{16}$	10	$9\frac{3}{4}$	34	$3\frac{7}{8}-\frac{1}{16}$
10	1	32	$0\frac{3}{4}-\frac{1}{16}$	10	$5\frac{3}{8}$	33	$2\frac{1}{2}-\frac{1}{16}$	10	$9\frac{3}{4}$	34	$4\frac{1}{4}-\frac{1}{16}$
10	$1\frac{1}{8}$	32	$1\frac{1}{8}-\frac{1}{16}$	10	$5\frac{1}{2}$	33	3	10	$9\frac{7}{8}$	34	$4\frac{5}{8}-\frac{1}{16}$
10	$1\frac{1}{4}$	32	$1\frac{5}{8}$	10	$5\frac{5}{8}$	33	$3\frac{3}{8}$	10	10	34	$5\frac{1}{16}$

Diagonal Measurement at the Root, $\frac{3}{4}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
10	$10\frac{1}{8}$	34	$5\frac{1}{2}$	10	$10\frac{7}{8}$	34	$7\frac{3}{4}-\frac{1}{16}$	10	$11\frac{1}{2}$	34	$9\frac{3}{4}-\frac{1}{16}$
10	$10\frac{1}{4}$	34	$5\frac{7}{8}$	10	11	34	$8\frac{1}{4}$	10	$11\frac{5}{8}$	34	$10\frac{1}{8}-\frac{1}{16}$
10	$10\frac{3}{8}$	34	$6\frac{1}{4}$	10	$11\frac{1}{8}$	34	$8\frac{5}{8}$	10	$11\frac{3}{4}$	34	$10\frac{1}{2}-\frac{1}{16}$
10	$10\frac{1}{2}$	34	$6\frac{5}{8}-\frac{1}{16}$	10	$11\frac{1}{4}$	34	9	10	$11\frac{7}{8}$	34	11
10	$10\frac{5}{8}$	34	$7\frac{1}{16}$	10	$11\frac{3}{8}$	34	$9\frac{3}{8}$	11	0	34	$11\frac{3}{8}$
10	$10\frac{3}{4}$	34	$7\frac{3}{8}-\frac{1}{16}$								

Diagonal Measurement at the Root, $\frac{3}{4}\ \frac{1}{16}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	0	3	$6\frac{3}{4}-\frac{1}{16}$	1	$2\frac{5}{8}$	4	$3\frac{1}{16}$	1	$5\frac{1}{4}$	4	$11\frac{1}{4}$
1	$0\frac{1}{8}$	3	$7\frac{1}{8}-\frac{1}{16}$	1	$2\frac{3}{4}$	4	$3\frac{3}{8}-\frac{1}{16}$	1	$5\frac{3}{8}$	4	$11\frac{5}{8}-\frac{1}{16}$
1	$0\frac{1}{4}$	3	$7\frac{1}{2}-\frac{1}{16}$	1	$2\frac{7}{8}$	4	$3\frac{3}{4}-\frac{1}{16}$	1	$5\frac{1}{2}$	5	$0\frac{1}{16}$
1	$0\frac{3}{8}$	3	$7\frac{7}{8}-\frac{1}{16}$	1	3	4	$4\frac{1}{8}-\frac{1}{16}$	1	$5\frac{5}{8}$	5	$0\frac{3}{8}-\frac{1}{16}$
1	$0\frac{1}{2}$	3	$8\frac{1}{4}-\frac{1}{16}$	1	$3\frac{1}{8}$	4	$4\frac{1}{2}-\frac{1}{16}$	1	$5\frac{3}{4}$	5	$0\frac{3}{4}-\frac{1}{16}$
1	$0\frac{5}{8}$	3	$8\frac{3}{4}$	1	$3\frac{1}{4}$	4	5	1	$5\frac{7}{8}$	5	$1\frac{1}{4}$
1	$0\frac{3}{4}$	3	$9\frac{1}{8}$	1	$3\frac{3}{8}$	4	$5\frac{3}{8}$	1	6	5	$1\frac{5}{8}$
1	$0\frac{7}{8}$	3	$9\frac{1}{2}-\frac{1}{16}$	1	$3\frac{1}{2}$	4	$5\frac{3}{4}-\frac{1}{16}$	1	$6\frac{1}{8}$	5	2
1	1	3	$9\frac{7}{8}-\frac{1}{16}$	1	$3\frac{5}{8}$	4	$6\frac{1}{8}-\frac{1}{16}$	1	$6\frac{1}{4}$	5	$2\frac{3}{8}-\frac{1}{16}$
1	$1\frac{1}{8}$	3	$10\frac{1}{4}-\frac{1}{16}$	1	$3\frac{3}{4}$	4	$6\frac{1}{2}-\frac{1}{16}$	1	$6\frac{3}{8}$	5	$2\frac{3}{4}-\frac{1}{16}$
1	$1\frac{1}{4}$	3	$10\frac{5}{8}-\frac{1}{16}$	1	$3\frac{7}{8}$	4	$6\frac{7}{8}-\frac{1}{16}$	1	$6\frac{1}{2}$	5	$3\frac{3}{8}-\frac{1}{16}$
1	$1\frac{3}{8}$	3	$11\frac{1}{16}$	1	4	4	$7\frac{1}{4}-\frac{1}{16}$	1	$6\frac{5}{8}$	5	$3\frac{1}{2}-\frac{1}{16}$
1	$1\frac{1}{2}$	3	$11\frac{1}{2}$	1	$4\frac{1}{8}$	4	$7\frac{3}{4}$	1	$6\frac{3}{4}$	5	4
1	$1\frac{5}{8}$	3	$11\frac{7}{8}$	1	$4\frac{1}{4}$	4	$8\frac{1}{8}$	1	$6\frac{7}{8}$	5	$4\frac{3}{8}$
1	$1\frac{3}{4}$	4	$0\frac{1}{4}$	1	$4\frac{3}{8}$	4	$8\frac{1}{2}$	1	7	5	$4\frac{3}{4}$
1	$1\frac{7}{8}$	4	$0\frac{5}{8}-\frac{1}{16}$	1	$4\frac{1}{2}$	4	$8\frac{7}{8}-\frac{1}{16}$	1	$7\frac{1}{8}$	5	$5\frac{1}{8}-\frac{1}{16}$
1	2	4	$1\frac{1}{16}$	1	$4\frac{5}{8}$	4	$9\frac{1}{4}-\frac{1}{16}$	1	$7\frac{1}{4}$	5	$5\frac{1}{2}-\frac{1}{16}$
1	$2\frac{1}{8}$	4	$1\frac{3}{8}-\frac{1}{16}$	1	$4\frac{3}{4}$	4	$9\frac{5}{8}-\frac{1}{16}$	1	$7\frac{3}{8}$	5	$5\frac{7}{8}-\frac{1}{16}$
1	$2\frac{1}{4}$	4	$1\frac{3}{4}-\frac{1}{16}$	1	$4\frac{7}{8}$	4	$10\frac{1}{16}$	1	$7\frac{1}{2}$	5	$6\frac{1}{4}-\frac{1}{16}$
1	$2\frac{3}{8}$	4	$2\frac{1}{4}$	1	5	4	$10\frac{1}{2}$	1	$7\frac{5}{8}$	5	$6\frac{3}{4}$
1	$2\frac{1}{2}$	4	$2\frac{5}{8}$	1	$5\frac{1}{8}$	4	$10\frac{7}{8}$	1	$7\frac{3}{4}$	5	$7\frac{1}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	$7\frac{7}{8}$	5	$7\frac{1}{2}$	2	$0\frac{1}{4}$	6	$9\frac{1}{4}$	2	$4\frac{5}{8}$	7	11
1	8	5	$7\frac{7}{8}$	2	$0\frac{3}{8}$	6	$9\frac{5}{8}-\frac{1}{16}$	2	$4\frac{3}{4}$	7	$11\frac{3}{8}$
1	$8\frac{1}{8}$	5	$8\frac{1}{4}-\frac{1}{16}$	2	$0\frac{1}{2}$	6	$10\frac{1}{16}$	2	$4\frac{7}{8}$	7	$11\frac{3}{4}-\frac{1}{16}$
1	$8\frac{1}{4}$	5	$8\frac{5}{8}-\frac{1}{16}$	2	$0\frac{5}{8}$	6	$10\frac{3}{8}-\frac{1}{16}$	2	5	8	$0\frac{1}{8}-\frac{1}{16}$
1	$8\frac{3}{8}$	5	$9\frac{1}{16}$	2	$0\frac{3}{4}$	6	$10\frac{3}{4}-\frac{1}{16}$	2	$5\frac{1}{8}$	8	$0\frac{1}{2}-\frac{1}{16}$
1	$8\frac{1}{2}$	5	$9\frac{1}{2}$	2	$0\frac{7}{8}$	6	$11\frac{1}{4}$	2	$5\frac{1}{4}$	8	1
1	$8\frac{5}{8}$	5	$9\frac{7}{8}$	2	1	6	$11\frac{5}{8}$	2	$5\frac{3}{8}$	8	$1\frac{3}{8}$
1	$8\frac{3}{4}$	5	$10\frac{1}{4}$	2	$1\frac{1}{8}$	7	0	2	$5\frac{1}{2}$	8	$1\frac{3}{4}-\frac{1}{16}$
1	$8\frac{7}{8}$	5	$10\frac{5}{8}$	2	$1\frac{1}{4}$	7	$0\frac{3}{8}-\frac{1}{16}$	2	$5\frac{5}{8}$	8	$2\frac{1}{8}-\frac{1}{16}$
1	9	5	$11\frac{1}{16}$	2	$1\frac{3}{8}$	7	$0\frac{3}{4}-\frac{1}{16}$	2	$5\frac{3}{4}$	8	$2\frac{1}{2}-\frac{1}{16}$
1	$9\frac{1}{8}$	5	$11\frac{3}{8}-\frac{1}{16}$	2	$1\frac{1}{2}$	7	$1\frac{1}{8}-\frac{1}{16}$	2	$5\frac{7}{8}$	8	3
1	$9\frac{1}{4}$	5	$11\frac{3}{4}-\frac{1}{16}$	2	$1\frac{5}{8}$	7	$1\frac{1}{2}-\frac{1}{16}$	2	6	8	$3\frac{3}{8}$
1	$9\frac{3}{8}$	6	$0\frac{1}{4}$	2	$1\frac{3}{4}$	7	2	2	$6\frac{1}{8}$	8	$3\frac{3}{4}$
1	$9\frac{1}{2}$	6	$0\frac{5}{8}$	2	$1\frac{7}{8}$	7	$2\frac{3}{8}$	2	$6\frac{1}{4}$	8	$4\frac{1}{8}$
1	$9\frac{5}{8}$	6	1	2	2	7	$2\frac{3}{4}$	2	$6\frac{3}{8}$	8	$4\frac{1}{2}$
1	$9\frac{3}{4}$	6	$1\frac{3}{8}$	2	$2\frac{1}{8}$	7	$3\frac{1}{8}$	2	$6\frac{1}{2}$	8	$4\frac{7}{8}$
1	$9\frac{7}{8}$	6	$1\frac{3}{4}-\frac{1}{16}$	2	$2\frac{1}{4}$	7	$3\frac{1}{2}-\frac{1}{16}$	2	$6\frac{5}{8}$	8	$5\frac{1}{4}-\frac{1}{16}$
1	10	6	$2\frac{1}{8}-\frac{1}{16}$	2	$2\frac{3}{8}$	7	$3\frac{7}{8}-\frac{1}{16}$	2	$6\frac{3}{4}$	8	$5\frac{5}{8}-\frac{1}{16}$
1	$10\frac{1}{8}$	6	$2\frac{1}{2}-\frac{1}{16}$	2	$2\frac{1}{2}$	7	$4\frac{1}{4}-\frac{1}{16}$	2	$6\frac{7}{8}$	8	$6\frac{1}{16}$
1	$10\frac{1}{4}$	6	3	2	$2\frac{5}{8}$	7	$4\frac{3}{4}$	2	7	8	$6\frac{1}{2}$
1	$10\frac{3}{8}$	6	$3\frac{3}{8}$	2	$2\frac{3}{4}$	7	$5\frac{1}{8}$	2	$7\frac{1}{8}$	8	$6\frac{7}{8}$
1	$10\frac{1}{2}$	6	$3\frac{3}{4}$	2	$2\frac{7}{8}$	7	$5\frac{1}{2}$	2	$7\frac{1}{4}$	8	$7\frac{1}{4}-\frac{1}{16}$
1	$10\frac{5}{8}$	6	$4\frac{1}{8}$	2	3	7	$5\frac{7}{8}$	2	$7\frac{3}{8}$	8	$7\frac{5}{8}-\frac{1}{16}$
1	$10\frac{3}{4}$	6	$4\frac{1}{2}-\frac{1}{16}$	2	$3\frac{1}{8}$	7	$6\frac{1}{4}-\frac{1}{16}$	2	$7\frac{1}{2}$	8	$8\frac{1}{16}$
1	$10\frac{7}{8}$	6	$4\frac{7}{8}-\frac{1}{16}$	2	$3\frac{1}{4}$	7	$6\frac{5}{8}-\frac{1}{16}$	2	$7\frac{5}{8}$	8	$8\frac{1}{2}$
1	11	6	$5\frac{1}{4}-\frac{1}{16}$	2	$3\frac{3}{8}$	7	$7\frac{1}{16}$	2	$7\frac{3}{4}$	8	$8\frac{7}{8}$
1	$11\frac{1}{8}$	6	$5\frac{3}{4}$	2	$3\frac{1}{2}$	7	$7\frac{3}{8}-\frac{1}{16}$	2	$7\frac{7}{8}$	8	$9\frac{1}{4}$
1	$11\frac{1}{4}$	6	$6\frac{1}{8}$	2	$3\frac{5}{8}$	7	$7\frac{7}{8}$	2	8	8	$9\frac{5}{8}$
1	$11\frac{3}{8}$	6	$6\frac{1}{2}$	2	$3\frac{3}{4}$	7	$8\frac{1}{4}$	2	$8\frac{1}{8}$	8	10
1	$11\frac{1}{2}$	6	$6\frac{7}{8}-\frac{1}{16}$	2	$3\frac{7}{8}$	7	$8\frac{5}{8}$	2	$8\frac{1}{4}$	8	$10\frac{3}{8}$
1	$11\frac{5}{8}$	6	$7\frac{1}{4}-\frac{1}{16}$	2	4	7	$9\frac{1}{16}$	2	$8\frac{3}{8}$	8	$10\frac{3}{4}-\frac{1}{16}$
1	$11\frac{3}{4}$	6	$7\frac{3}{4}$	2	$4\frac{1}{8}$	7	$9\frac{3}{8}-\frac{1}{16}$	2	$8\frac{1}{2}$	8	$11\frac{1}{8}-\frac{1}{16}$
1	$11\frac{7}{8}$	6	$8\frac{1}{8}$	2	$4\frac{1}{4}$	7	$9\frac{3}{4}-\frac{1}{16}$	2	$8\frac{5}{8}$	8	$11\frac{5}{8}$
2	0	6	$8\frac{1}{2}$	2	$4\frac{3}{8}$	7	$10\frac{1}{4}$	2	$8\frac{3}{4}$	9	0
2	$0\frac{1}{8}$	6	$8\frac{7}{8}$	2	$4\frac{1}{2}$	7	$10\frac{5}{8}$	2	$8\frac{7}{8}$	9	$0\frac{3}{8}$

Diagonal Measurement at the Root, $\frac{3}{4}\frac{1}{16}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
2	9	9	$0\frac{3}{4}-\frac{1}{16}$	3	$1\frac{3}{8}$	10	$2\frac{1}{2}$	3	$5\frac{3}{4}$	11	$4\frac{1}{4}-\frac{1}{16}$
2	$9\frac{1}{8}$	9	$1\frac{1}{8}-\frac{1}{16}$	3	$1\frac{1}{2}$	10	$2\frac{7}{8}$	3	$5\frac{7}{8}$	11	$4\frac{5}{8}-\frac{1}{16}$
2	$9\frac{1}{4}$	9	$1\frac{5}{8}$	3	$1\frac{5}{8}$	10	$3\frac{1}{4}-\frac{1}{16}$	3	6	11	$5\frac{1}{16}$
2	$9\frac{3}{8}$	9	2	3	$1\frac{3}{4}$	10	$3\frac{5}{8}-\frac{1}{16}$	3	$6\frac{1}{8}$	11	$5\frac{3}{8}-\frac{1}{16}$
2	$9\frac{1}{2}$	9	$2\frac{3}{8}$	3	$1\frac{7}{8}$	10	$4\frac{1}{8}$	3	$6\frac{1}{4}$	11	$5\frac{1}{4}-\frac{1}{16}$
2	$9\frac{5}{8}$	9	$2\frac{3}{4}$	3	2	10	$4\frac{1}{2}$	3	$6\frac{3}{8}$	11	$6\frac{1}{8}-\frac{1}{16}$
2	$9\frac{3}{4}$	9	$3\frac{1}{8}$	3	$2\frac{1}{8}$	10	$4\frac{7}{8}$	3	$6\frac{1}{2}$	11	$6\frac{1}{2}-\frac{1}{16}$
2	$9\frac{7}{8}$	9	$3\frac{1}{2}$	3	$2\frac{1}{4}$	10	$5\frac{1}{4}-\frac{1}{16}$	3	$6\frac{5}{8}$	11	7
2	10	9	$3\frac{7}{8}$	3	$2\frac{3}{8}$	10	$5\frac{5}{8}-\frac{1}{16}$	3	$6\frac{3}{4}$	11	$7\frac{3}{8}$
2	$10\frac{1}{8}$	9	$4\frac{1}{4}-\frac{1}{16}$	3	$2\frac{1}{2}$	10	$6\frac{1}{16}$	3	$6\frac{7}{8}$	11	$7\frac{3}{4}-\frac{1}{16}$
2	$10\frac{1}{4}$	9	$4\frac{5}{8}-\frac{1}{16}$	3	$2\frac{5}{8}$	10	$6\frac{3}{8}-\frac{1}{16}$	3	7	11	$8\frac{1}{8}-\frac{1}{16}$
2	$10\frac{3}{8}$	9	$5\frac{1}{16}$	3	$2\frac{3}{4}$	10	$6\frac{3}{4}-\frac{1}{16}$	3	$7\frac{1}{8}$	11	$8\frac{1}{8}-\frac{1}{16}$
2	$10\frac{1}{2}$	9	$5\frac{1}{2}$	3	$2\frac{7}{8}$	10	$7\frac{1}{8}-\frac{1}{16}$	3	$7\frac{1}{4}$	11	9
2	$10\frac{5}{8}$	9	$5\frac{7}{8}$	3	3	10	$7\frac{5}{8}$	3	$7\frac{3}{8}$	11	$9\frac{3}{8}$
2	$10\frac{3}{4}$	9	$6\frac{1}{4}-\frac{1}{16}$	3	$3\frac{1}{8}$	10	8	3	$7\frac{1}{2}$	11	$9\frac{3}{4}-\frac{1}{16}$
2	$10\frac{7}{8}$	9	$6\frac{5}{8}-\frac{1}{16}$	3	$3\frac{1}{4}$	10	$8\frac{3}{8}$	3	$7\frac{5}{8}$	11	$10\frac{1}{8}-\frac{1}{16}$
2	11	9	$7\frac{1}{16}$	3	$3\frac{3}{8}$	10	$8\frac{3}{4}-\frac{1}{16}$	3	$7\frac{3}{4}$	11	$10\frac{1}{2}-\frac{1}{16}$
2	$11\frac{1}{8}$	9	$7\frac{3}{8}-\frac{1}{16}$	3	$3\frac{1}{2}$	10	$9\frac{1}{8}-\frac{1}{16}$	3	$7\frac{7}{8}$	11	$10\frac{7}{8}-\frac{1}{16}$
2	$11\frac{1}{4}$	9	$7\frac{3}{4}-\frac{1}{16}$	3	$3\frac{5}{8}$	10	$9\frac{5}{8}$	3	8	11	$11\frac{1}{4}-\frac{1}{16}$
2	$11\frac{3}{8}$	9	$8\frac{1}{8}-\frac{1}{16}$	3	$3\frac{3}{4}$	10	10	3	$8\frac{1}{8}$	11	$11\frac{5}{8}-\frac{1}{16}$
2	$11\frac{1}{2}$	9	$8\frac{1}{2}-\frac{1}{16}$	3	$3\frac{7}{8}$	10	$10\frac{3}{8}$	3	$8\frac{1}{4}$	12	$0\frac{1}{16}$
2	$11\frac{5}{8}$	9	9	3	4	10	$10\frac{3}{4}-\frac{1}{16}$	3	$8\frac{3}{8}$	12	$0\frac{1}{2}$
2	$11\frac{3}{4}$	9	$9\frac{3}{8}$	3	$4\frac{1}{8}$	10	$11\frac{1}{8}-\frac{1}{16}$	3	$8\frac{1}{2}$	12	$0\frac{7}{8}$
2	$11\frac{7}{8}$	9	$9\frac{3}{4}-\frac{1}{16}$	3	$4\frac{1}{4}$	10	$11\frac{1}{2}-\frac{1}{16}$	3	$8\frac{5}{8}$	12	$1\frac{1}{4}-\frac{1}{16}$
3	0	9	$10\frac{1}{8}-\frac{1}{16}$	3	$4\frac{3}{8}$	10	$11\frac{7}{8}-\frac{1}{16}$	3	$8\frac{3}{4}$	12	$1\frac{5}{8}-\frac{1}{16}$
3	$0\frac{1}{8}$	9	$10\frac{1}{2}-\frac{1}{16}$	3	$4\frac{1}{2}$	11	$0\frac{1}{4}-\frac{1}{16}$	3	$8\frac{7}{8}$	12	$2\frac{1}{16}$
3	$0\frac{1}{4}$	9	11	3	$4\frac{5}{8}$	11	$0\frac{5}{8}-\frac{1}{16}$	3	9	12	$2\frac{1}{2}$
3	$0\frac{3}{8}$	9	$11\frac{3}{8}$	3	$4\frac{3}{4}$	11	$1\frac{1}{16}$	3	$9\frac{1}{8}$	12	$2\frac{7}{8}$
3	$0\frac{1}{2}$	9	$11\frac{3}{4}-\frac{1}{16}$	3	$4\frac{7}{8}$	11	$1\frac{1}{2}$	3	$9\frac{1}{4}$	12	$3\frac{1}{4}-\frac{1}{16}$
3	$0\frac{5}{8}$	10	$0\frac{1}{8}-\frac{1}{16}$	3	5	11	$1\frac{7}{8}$	3	$9\frac{3}{8}$	12	$3\frac{5}{8}-\frac{1}{16}$
3	$0\frac{3}{4}$	10	$0\frac{1}{2}-\frac{1}{16}$	3	$5\frac{1}{8}$	11	$2\frac{1}{4}-\frac{1}{16}$	3	$9\frac{1}{2}$	12	$4\frac{1}{16}$
3	$0\frac{7}{8}$	10	1	3	$5\frac{1}{4}$	11	$2\frac{5}{8}-\frac{1}{16}$	3	$9\frac{5}{8}$	12	$4\frac{3}{8}-\frac{1}{16}$
3	1	10	$1\frac{3}{8}$	3	$5\frac{3}{8}$	11	$3\frac{1}{16}$	3	$9\frac{3}{4}$	12	$4\frac{3}{4}-\frac{1}{16}$
3	$1\frac{1}{8}$	10	$1\frac{3}{4}$	3	$5\frac{1}{2}$	11	$3\frac{1}{2}$	3	$9\frac{7}{8}$	12	$5\frac{1}{8}-\frac{1}{16}$
3	$1\frac{1}{4}$	10	$2\frac{1}{8}$	3	$5\frac{5}{8}$	11	$3\frac{7}{8}$	3	10	12	$5\frac{1}{2}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	$10\frac{1}{8}$	12	6	4	$2\frac{1}{2}$	13	$7\frac{3}{4}$	4	$6\frac{7}{8}$	14	$9\frac{1}{2}$
3	$10\frac{1}{4}$	12	$6\frac{3}{8}$	4	$2\frac{5}{8}$	13	$8\frac{1}{8}$	4	7	14	$9\frac{7}{8}$
3	$10\frac{3}{8}$	12	$6\frac{3}{4}\text{-}\frac{1}{16}$	4	$2\frac{3}{4}$	13	$8\frac{1}{2}$	4	$7\frac{1}{8}$	14	$10\frac{1}{4}$
3	$10\frac{1}{2}$	12	$7\frac{1}{8}\text{-}\frac{1}{16}$	4	$2\frac{7}{8}$	13	$8\frac{7}{8}$	4	$7\frac{1}{4}$	14	$10\frac{5}{8}\text{-}\frac{1}{16}$
3	$10\frac{5}{8}$	12	$7\frac{1}{2}\text{-}\frac{1}{16}$	4	3	13	$9\frac{1}{4}\text{-}\frac{1}{16}$	4	$7\frac{3}{8}$	14	$11\frac{1}{8}$
3	$10\frac{3}{4}$	12	8	4	$3\frac{1}{8}$	13	$9\frac{5}{8}\text{-}\frac{1}{16}$	4	$7\frac{1}{2}$	14	$11\frac{1}{2}$
3	$10\frac{7}{8}$	12	$8\frac{3}{8}$	4	$3\frac{1}{4}$	13	$10\frac{1}{16}$	4	$7\frac{5}{8}$	14	$11\frac{7}{8}$
3	11	12	$8\frac{3}{4}\text{-}\frac{1}{16}$	4	$3\frac{3}{8}$	13	$10\frac{1}{2}$	4	$7\frac{3}{4}$	15	$0\frac{1}{4}$
3	$11\frac{1}{8}$	12	$9\frac{1}{8}\text{-}\frac{1}{16}$	4	$3\frac{1}{2}$	13	$10\frac{7}{8}$	4	$7\frac{7}{8}$	15	$0\frac{5}{8}$
3	$11\frac{1}{4}$	12	$9\frac{1}{2}\text{-}\frac{1}{16}$	4	$3\frac{5}{8}$	13	$11\frac{1}{4}\text{-}\frac{1}{16}$	4	8	15	1
3	$11\frac{3}{8}$	12	$9\frac{7}{8}\text{-}\frac{1}{16}$	4	$3\frac{3}{4}$	13	$11\frac{5}{8}\text{-}\frac{1}{16}$	4	$8\frac{1}{8}$	15	$1\frac{3}{8}$
3	$11\frac{1}{2}$	12	$10\frac{1}{4}\text{-}\frac{1}{16}$	4	$3\frac{7}{8}$	14	$0\frac{1}{16}$	4	$8\frac{1}{4}$	15	$1\frac{3}{4}\text{-}\frac{1}{16}$
3	$11\frac{5}{8}$	12	$10\frac{5}{8}\text{-}\frac{1}{16}$	4	4	14	$0\frac{1}{2}$	4	$8\frac{3}{8}$	15	$2\frac{1}{8}\text{-}\frac{1}{16}$
3	$11\frac{3}{4}$	12	$11\frac{1}{16}$	4	$4\frac{1}{8}$	14	$0\frac{7}{8}$	4	$8\frac{1}{2}$	15	$2\frac{1}{2}\text{-}\frac{1}{16}$
3	$11\frac{7}{8}$	12	$11\frac{1}{2}$	4	$4\frac{1}{4}$	14	$1\frac{1}{4}$	4	$8\frac{5}{8}$	15	3
4	0	12	$11\frac{7}{8}$	4	$4\frac{3}{8}$	14	$1\frac{5}{8}$	4	$8\frac{3}{4}$	15	$3\frac{3}{8}$
4	$0\frac{1}{8}$	13	$0\frac{1}{4}\text{-}\frac{1}{16}$	4	$4\frac{1}{2}$	14	2	4	$8\frac{7}{8}$	15	$3\frac{3}{4}\text{-}\frac{1}{16}$
4	$0\frac{1}{4}$	13	$0\frac{5}{8}\text{-}\frac{1}{16}$	4	$4\frac{5}{8}$	14	$2\frac{3}{8}$	4	9	15	$4\frac{1}{8}\text{-}\frac{1}{16}$
4	$0\frac{3}{8}$	13	$1\frac{1}{16}$	4	$4\frac{3}{4}$	14	$2\frac{3}{4}\text{-}\frac{1}{16}$	4	$9\frac{1}{8}$	15	$4\frac{1}{2}\text{-}\frac{1}{16}$
4	$0\frac{1}{2}$	13	$1\frac{1}{2}$	4	$4\frac{7}{8}$	14	$3\frac{1}{8}\text{-}\frac{1}{16}$	4	$9\frac{1}{4}$	15	5
4	$0\frac{5}{8}$	13	$1\frac{7}{8}$	4	5	14	$3\frac{1}{2}\text{-}\frac{1}{16}$	4	$9\frac{3}{8}$	15	$5\frac{3}{8}$
4	$0\frac{3}{4}$	13	$2\frac{1}{4}\text{-}\frac{1}{16}$	4	$5\frac{1}{8}$	14	4	4	$9\frac{1}{2}$	15	$5\frac{3}{4}$
4	$0\frac{7}{8}$	13	$2\frac{5}{8}\text{-}\frac{1}{16}$	4	$5\frac{1}{4}$	14	$4\frac{3}{8}$	4	$9\frac{5}{8}$	15	$6\frac{1}{8}$
4	1	13	$3\frac{1}{16}$	4	$5\frac{3}{8}$	14	$4\frac{3}{4}\text{-}\frac{1}{16}$	4	$9\frac{3}{4}$	15	$6\frac{1}{2}$
4	$1\frac{1}{8}$	13	$3\frac{3}{8}\text{-}\frac{1}{16}$	4	$5\frac{1}{2}$	14	$5\frac{1}{8}\text{-}\frac{1}{16}$	4	$9\frac{7}{8}$	15	$6\frac{7}{8}$
4	$1\frac{1}{4}$	13	$3\frac{3}{4}\text{-}\frac{1}{16}$	4	$5\frac{5}{8}$	14	$5\frac{1}{2}\text{-}\frac{1}{16}$	4	10	15	$7\frac{1}{4}\text{-}\frac{1}{16}$
4	$1\frac{3}{8}$	13	$4\frac{1}{8}\text{-}\frac{1}{16}$	4	$5\frac{3}{4}$	14	6	4	$10\frac{1}{8}$	15	$7\frac{5}{8}\text{-}\frac{1}{16}$
4	$1\frac{1}{2}$	13	$4\frac{1}{2}\text{-}\frac{1}{16}$	4	$5\frac{7}{8}$	14	$6\frac{3}{8}$	4	$10\frac{1}{4}$	15	$8\frac{1}{8}$
4	$1\frac{5}{8}$	13	5	4	6	14	$6\frac{3}{4}$	4	$10\frac{3}{8}$	15	$8\frac{1}{2}$
4	$1\frac{3}{4}$	13	$5\frac{3}{8}$	4	$6\frac{1}{8}$	14	$7\frac{1}{8}$	4	$10\frac{1}{2}$	15	$8\frac{7}{8}$
4	$1\frac{7}{8}$	13	$5\frac{3}{4}\text{-}\frac{1}{16}$	4	$6\frac{1}{4}$	14	$7\frac{1}{2}$	4	$10\frac{5}{8}$	15	$9\frac{1}{4}\text{-}\frac{1}{16}$
4	2	13	$6\frac{1}{8}\text{-}\frac{1}{16}$	4	$6\frac{3}{8}$	14	$7\frac{7}{8}$	4	$10\frac{3}{4}$	15	$9\frac{5}{8}\text{-}\frac{1}{16}$
4	$2\frac{1}{8}$	13	$6\frac{1}{2}\text{-}\frac{1}{16}$	4	$6\frac{1}{2}$	14	$8\frac{1}{4}\text{-}\frac{1}{16}$	4	$10\frac{7}{8}$	15	$10\frac{1}{16}$
4	$2\frac{1}{4}$	13	7	4	$6\frac{5}{8}$	14	$8\frac{5}{8}\text{-}\frac{1}{16}$	4	11	15	$10\frac{1}{2}$
4	$2\frac{3}{8}$	13	$7\frac{3}{8}$	4	$6\frac{3}{4}$	14	$9\frac{1}{8}$	4	$11\frac{1}{8}$	15	$10\frac{7}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
4	$11\frac{1}{4}$	15	$11\frac{1}{4}$	5	$3\frac{5}{8}$	17	1	5	8	18	$2\frac{5}{8}$-$\frac{1}{16}$
4	$11\frac{3}{8}$	15	$11\frac{5}{8}$	5	$3\frac{3}{4}$	17	$1\frac{3}{8}$	5	$8\frac{1}{8}$	18	$3\frac{1}{8}$
4	$11\frac{1}{2}$	16	0	5	$3\frac{7}{8}$	17	$1\frac{3}{4}$-$\frac{1}{16}$	5	$8\frac{1}{4}$	18	$3\frac{1}{2}$
4	$11\frac{5}{8}$	16	$0\frac{3}{8}$	5	4	17	$2\frac{1}{8}$-$\frac{1}{16}$	5	$8\frac{3}{8}$	18	$3\frac{7}{8}$
4	$11\frac{3}{4}$	16	$0\frac{3}{4}$-$\frac{1}{16}$	5	$4\frac{1}{8}$	17	$2\frac{1}{2}$-$\frac{1}{16}$	5	$8\frac{1}{2}$	18	$4\frac{1}{4}$-$\frac{1}{16}$
4	$11\frac{7}{8}$	16	$1\frac{1}{8}$-$\frac{1}{16}$	5	$4\frac{1}{4}$	17	3	5	$8\frac{5}{8}$	18	$4\frac{5}{8}$-$\frac{1}{16}$
5	0	16	$1\frac{1}{2}$-$\frac{1}{16}$	5	$4\frac{3}{8}$	17	$3\frac{3}{8}$	5	$8\frac{3}{4}$	18	$5\frac{1}{8}$
5	$0\frac{1}{8}$	16	2	5	$4\frac{1}{2}$	17	$3\frac{3}{4}$	5	$8\frac{7}{8}$	18	$5\frac{1}{2}$
5	$0\frac{1}{4}$	16	$2\frac{3}{8}$	5	$4\frac{5}{8}$	17	$4\frac{1}{8}$	5	9	18	$5\frac{7}{8}$
5	$0\frac{3}{8}$	16	$2\frac{3}{4}$-$\frac{1}{16}$	5	$4\frac{3}{4}$	17	$4\frac{1}{2}$	5	$9\frac{1}{8}$	18	$6\frac{1}{4}$-$\frac{1}{16}$
5	$0\frac{1}{2}$	16	$3\frac{1}{8}$-$\frac{1}{16}$	5	$4\frac{7}{8}$	17	$4\frac{7}{8}$	5	$9\frac{1}{4}$	18	$6\frac{5}{8}$-$\frac{1}{16}$
5	$0\frac{5}{8}$	16	$3\frac{1}{2}$-$\frac{1}{16}$	5	5	17	$5\frac{1}{4}$	5	$9\frac{3}{8}$	18	$7\frac{1}{16}$
5	$0\frac{3}{4}$	16	4	5	$5\frac{1}{8}$	17	$5\frac{5}{8}$-$\frac{1}{16}$	5	$9\frac{1}{2}$	18	$7\frac{3}{8}$-$\frac{1}{16}$
5	$0\frac{7}{8}$	16	$4\frac{3}{8}$	5	$5\frac{1}{4}$	17	$6\frac{1}{8}$	5	$9\frac{5}{8}$	18	$7\frac{3}{4}$-$\frac{1}{16}$
5	1	16	$4\frac{3}{4}$	5	$5\frac{3}{8}$	17	$6\frac{1}{2}$	5	$9\frac{3}{4}$	18	$8\frac{1}{8}$-$\frac{1}{16}$
5	$1\frac{1}{8}$	16	$5\frac{1}{8}$	5	$5\frac{1}{2}$	17	$6\frac{7}{8}$	5	$9\frac{7}{8}$	18	$8\frac{1}{2}$-$\frac{1}{16}$
5	$1\frac{1}{4}$	16	$5\frac{1}{2}$	5	$5\frac{5}{8}$	17	$7\frac{1}{4}$	5	10	18	9
5	$1\frac{3}{8}$	16	$5\frac{7}{8}$	5	$5\frac{3}{4}$	17	$7\frac{5}{8}$-$\frac{1}{16}$	5	$10\frac{1}{8}$	18	$9\frac{3}{8}$
5	$1\frac{1}{2}$	16	$6\frac{1}{4}$-$\frac{1}{16}$	5	$5\frac{7}{8}$	17	$8\frac{1}{8}$	5	$10\frac{1}{4}$	18	$9\frac{3}{4}$-$\frac{1}{16}$
5	$1\frac{5}{8}$	16	$6\frac{5}{8}$-$\frac{1}{16}$	5	6	17	$8\frac{1}{2}$	5	$10\frac{3}{8}$	18	$10\frac{1}{8}$-$\frac{1}{16}$
5	$1\frac{3}{4}$	16	$7\frac{1}{8}$	5	$6\frac{1}{8}$	17	$8\frac{7}{8}$	5	$10\frac{1}{2}$	18	$10\frac{1}{2}$-$\frac{1}{16}$
5	$1\frac{7}{8}$	16	$7\frac{1}{2}$	5	$6\frac{1}{4}$	17	$9\frac{1}{4}$	5	$10\frac{5}{8}$	18	11
5	2	16	$7\frac{7}{8}$	5	$6\frac{3}{8}$	17	$9\frac{5}{8}$	5	$10\frac{3}{4}$	18	$11\frac{3}{8}$
5	$2\frac{1}{8}$	16	$8\frac{1}{4}$-$\frac{1}{16}$	5	$6\frac{1}{2}$	17	10	5	$10\frac{7}{8}$	18	$11\frac{3}{4}$-$\frac{1}{16}$
5	$2\frac{1}{4}$	16	$8\frac{5}{8}$-$\frac{1}{16}$	5	$6\frac{5}{8}$	17	$10\frac{3}{8}$	5	11	19	$0\frac{1}{8}$-$\frac{1}{16}$
5	$2\frac{3}{8}$	16	$9\frac{1}{8}$	5	$6\frac{3}{4}$	17	$10\frac{3}{4}$-$\frac{1}{16}$	5	$11\frac{1}{8}$	19	$0\frac{1}{2}$-$\frac{1}{16}$
5	$2\frac{1}{2}$	16	$9\frac{1}{2}$	5	$6\frac{7}{8}$	17	$11\frac{1}{8}$-$\frac{1}{16}$	5	$11\frac{1}{4}$	19	$0\frac{7}{8}$-$\frac{1}{16}$
5	$2\frac{5}{8}$	16	$9\frac{7}{8}$	5	7	17	$11\frac{1}{2}$-$\frac{1}{16}$	5	$11\frac{3}{8}$	19	$1\frac{1}{4}$-$\frac{1}{16}$
5	$2\frac{3}{4}$	16	$10\frac{1}{4}$	5	$7\frac{1}{8}$	18	0	5	$11\frac{1}{2}$	19	$1\frac{5}{8}$-$\frac{1}{16}$
5	$2\frac{7}{8}$	16	$10\frac{5}{8}$	5	$7\frac{1}{4}$	18	$0\frac{3}{8}$	5	$11\frac{5}{8}$	19	$2\frac{1}{8}$
5	3	16	11	5	$7\frac{3}{8}$	18	$0\frac{3}{4}$-$\frac{1}{16}$	5	$11\frac{3}{4}$	19	$2\frac{1}{2}$
5	$3\frac{1}{8}$	16	$11\frac{3}{8}$	5	$7\frac{1}{2}$	18	$1\frac{1}{8}$-$\frac{1}{16}$	5	$11\frac{7}{8}$	19	$2\frac{7}{8}$
5	$3\frac{1}{4}$	16	$11\frac{3}{4}$-$\frac{1}{16}$	5	$7\frac{5}{8}$	18	$1\frac{1}{2}$-$\frac{1}{16}$	6	0	19	$3\frac{1}{4}$-$\frac{1}{16}$
5	$3\frac{3}{8}$	17	$0\frac{1}{8}$-$\frac{1}{16}$	5	$7\frac{3}{4}$	18	$1\frac{7}{8}$-$\frac{1}{16}$	6	$0\frac{1}{8}$	19	$3\frac{5}{8}$-$\frac{1}{16}$
5	$3\frac{1}{2}$	17	$0\frac{1}{2}$-$\frac{1}{16}$	5	$7\frac{7}{8}$	18	$2\frac{1}{4}$-$\frac{1}{16}$	6	$0\frac{1}{4}$	19	$4\frac{1}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
6	$0\frac{3}{8}$	19	$4\frac{1}{2}$	6	$4\frac{3}{4}$	20	$6\frac{1}{8}-\frac{1}{16}$	6	$9\frac{1}{8}$	21	8
6	$0\frac{1}{2}$	19	$4\frac{7}{8}$	6	$4\frac{7}{8}$	20	$6\frac{1}{2}-\frac{1}{16}$	6	$9\frac{1}{4}$	21	$8\frac{3}{8}$
6	$0\frac{5}{8}$	19	$5\frac{1}{4}-\frac{1}{16}$	6	5	20	7	6	$9\frac{3}{8}$	21	$8\frac{3}{4}$
6	$0\frac{3}{4}$	19	$5\frac{5}{8}-\frac{1}{16}$	6	$5\frac{1}{8}$	20	$7\frac{3}{8}$	6	$9\frac{1}{2}$	21	$9\frac{1}{8}$
6	$0\frac{7}{8}$	19	$6-\frac{1}{16}$	6	$5\frac{1}{4}$	20	$7\frac{3}{4}-\frac{1}{16}$	6	$9\frac{5}{8}$	21	$9\frac{1}{2}$
6	1	19	$6\frac{3}{8}-\frac{1}{16}$	6	$5\frac{3}{8}$	20	$8\frac{1}{8}-\frac{1}{16}$	6	$9\frac{3}{4}$	21	$9\frac{7}{8}$
6	$1\frac{1}{8}$	19	$6\frac{3}{4}-\frac{1}{16}$	6	$5\frac{1}{2}$	20	$8\frac{1}{2}-\frac{1}{16}$	6	$9\frac{7}{8}$	21	$10\frac{1}{4}-\frac{1}{16}$
6	$1\frac{1}{4}$	19	$7\frac{1}{8}-\frac{1}{16}$	6	$5\frac{5}{8}$	20	9	6	10	21	$10\frac{5}{8}-\frac{1}{16}$
6	$1\frac{3}{8}$	19	$7\frac{1}{2}-\frac{1}{16}$	6	$5\frac{3}{4}$	20	$9\frac{3}{8}$	6	$10\frac{1}{8}$	21	$11\frac{1}{8}$
6	$1\frac{1}{2}$	19	8	6	$5\frac{7}{8}$	20	$9\frac{3}{4}$	6	$10\frac{1}{4}$	21	$11\frac{1}{2}$
6	$1\frac{5}{8}$	19	$8\frac{3}{8}$	6	6	20	$10\frac{1}{8}$	6	$10\frac{3}{8}$	21	$11\frac{7}{8}$
6	$1\frac{3}{4}$	19	$8\frac{3}{4}-\frac{1}{16}$	6	$6\frac{1}{8}$	20	$10\frac{1}{2}$	6	$10\frac{1}{2}$	22	$0\frac{1}{4}-\frac{1}{16}$
6	$1\frac{7}{8}$	19	$9\frac{1}{8}-\frac{1}{16}$	6	$6\frac{1}{4}$	20	$10\frac{7}{8}$	6	$10\frac{5}{8}$	22	$0\frac{5}{8}-\frac{1}{16}$
6	2	19	$9\frac{1}{2}-\frac{1}{16}$	6	$6\frac{3}{8}$	20	$11\frac{1}{4}-\frac{1}{16}$	6	$10\frac{3}{4}$	22	$1\frac{1}{8}$
6	$2\frac{1}{8}$	19	10	6	$6\frac{1}{2}$	20	$11\frac{5}{8}-\frac{1}{16}$	6	$10\frac{7}{8}$	22	$1\frac{1}{2}$
6	$2\frac{1}{4}$	19	$10\frac{3}{8}$	6	$6\frac{5}{8}$	21	$0\frac{1}{8}$	6	11	22	$1\frac{7}{8}$
6	$2\frac{3}{8}$	19	$10\frac{3}{4}-\frac{1}{16}$	6	$6\frac{3}{4}$	21	$0\frac{1}{2}$	6	$11\frac{1}{8}$	22	$2\frac{1}{4}$
6	$2\frac{1}{2}$	19	$11\frac{1}{8}-\frac{1}{16}$	6	$6\frac{7}{8}$	21	$0\frac{7}{8}$	6	$11\frac{1}{4}$	22	$2\frac{5}{8}$
6	$2\frac{5}{8}$	19	$11\frac{1}{2}-\frac{1}{16}$	6	7	21	$1\frac{1}{4}-\frac{1}{16}$	6	$11\frac{3}{8}$	22	3
6	$2\frac{3}{4}$	19	$11\frac{7}{8}-\frac{1}{16}$	6	$7\frac{1}{8}$	21	$1\frac{5}{8}-\frac{1}{16}$	6	$11\frac{1}{2}$	22	$3\frac{3}{8}$
6	$2\frac{7}{8}$	20	$0\frac{1}{4}-\frac{1}{16}$	6	$7\frac{1}{4}$	21	$2\frac{1}{8}$	6	$11\frac{5}{8}$	22	$3\frac{3}{4}-\frac{1}{16}$
6	3	20	$0\frac{5}{8}-\frac{1}{16}$	6	$7\frac{3}{8}$	21	$2\frac{1}{2}$	6	$11\frac{3}{4}$	22	$4\frac{1}{8}-\frac{1}{16}$
6	$3\frac{1}{8}$	20	$1\frac{1}{8}$	6	$7\frac{1}{2}$	21	$2\frac{7}{8}$	6	$11\frac{7}{8}$	22	$4\frac{1}{2}-\frac{1}{16}$
6	$3\frac{1}{4}$	20	$1\frac{1}{2}$	6	$7\frac{5}{8}$	21	$3\frac{1}{4}$	7	0	22	5
6	$3\frac{3}{8}$	20	$1\frac{7}{8}$	6	$7\frac{3}{4}$	21	$3\frac{5}{8}$	7	$0\frac{1}{8}$	22	$5\frac{3}{8}$
6	$3\frac{1}{2}$	20	$2\frac{1}{4}-\frac{1}{16}$	6	$7\frac{7}{8}$	21	4	7	$0\frac{1}{4}$	22	$5\frac{3}{4}-\frac{1}{16}$
6	$3\frac{5}{8}$	20	$2\frac{5}{8}-\frac{1}{16}$	6	8	21	$4\frac{3}{8}$	7	$0\frac{3}{8}$	22	$6\frac{1}{8}-\frac{1}{16}$
6	$3\frac{3}{4}$	20	$3\frac{1}{8}$	6	$8\frac{1}{8}$	21	$4\frac{3}{4}-\frac{1}{16}$	7	$0\frac{1}{2}$	22	$6\frac{1}{2}-\frac{1}{16}$
6	$3\frac{7}{8}$	20	$3\frac{1}{2}$	6	$8\frac{1}{4}$	21	$5\frac{1}{8}-\frac{1}{16}$	7	$0\frac{5}{8}$	22	7
6	4	20	$3\frac{7}{8}$	6	$8\frac{3}{8}$	21	$5\frac{1}{2}-\frac{1}{16}$	7	$0\frac{3}{4}$	22	$7\frac{3}{8}$
6	$4\frac{1}{8}$	20	$4\frac{1}{4}-\frac{1}{16}$	6	$8\frac{1}{2}$	21	6	7	$0\frac{7}{8}$	22	$7\frac{3}{4}$
6	$4\frac{1}{4}$	20	$4\frac{5}{8}-\frac{1}{16}$	6	$8\frac{5}{8}$	21	$6\frac{3}{8}$	7	1	22	$8\frac{1}{8}$
6	$4\frac{3}{8}$	20	$5-\frac{1}{16}$	6	$8\frac{3}{4}$	21	$6\frac{3}{4}-\frac{1}{16}$	7	$1\frac{1}{8}$	22	$8\frac{1}{2}$
6	$4\frac{1}{2}$	20	$5\frac{3}{8}-\frac{1}{16}$	6	$8\frac{7}{8}$	21	$7\frac{1}{8}-\frac{1}{16}$	7	$1\frac{1}{4}$	22	$8\frac{7}{8}$
6	$4\frac{5}{8}$	20	$5\frac{3}{4}-\frac{1}{16}$	6	9	21	$7\frac{1}{2}-\frac{1}{16}$	7	$1\frac{3}{8}$	22	$9\frac{1}{4}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
7	$1\frac{1}{2}$	22	$9\frac{5}{8}-\frac{1}{16}$	7	$5\frac{7}{8}$	23	$11\frac{3}{8}-\frac{1}{16}$	7	$10\frac{1}{4}$	25	$1\frac{1}{8}-\frac{1}{16}$
7	$1\frac{5}{8}$	22	$10\frac{1}{8}$	7	6	23	$11\frac{3}{4}-\frac{1}{16}$	7	$10\frac{3}{8}$	25	$1\frac{1}{2}-\frac{1}{16}$
7	$1\frac{3}{4}$	22	$10\frac{1}{2}$	7	$6\frac{1}{8}$	24	$0\frac{1}{8}-\frac{1}{16}$	7	$10\frac{1}{2}$	25	2
7	$1\frac{7}{8}$	22	$10\frac{7}{8}$	7	$6\frac{1}{4}$	24	$0\frac{1}{2}-\frac{1}{16}$	7	$10\frac{5}{8}$	25	$2\frac{3}{8}$
7	2	22	$11\frac{1}{4}-\frac{1}{16}$	7	$6\frac{3}{8}$	24	1	7	$10\frac{3}{4}$	25	$2\frac{3}{4}-\frac{1}{16}$
7	$2\frac{1}{8}$	22	$11\frac{5}{8}-\frac{1}{16}$	7	$6\frac{1}{2}$	24	$1\frac{3}{8}$	7	$10\frac{7}{8}$	25	$3\frac{1}{8}-\frac{1}{16}$
7	$2\frac{1}{4}$	23	$0\frac{1}{8}$	7	$6\frac{5}{8}$	24	$1\frac{3}{4}-\frac{1}{16}$	7	11	25	$3\frac{1}{2}-\frac{1}{16}$
7	$2\frac{3}{8}$	23	$0\frac{1}{2}$	7	$6\frac{3}{4}$	24	$2\frac{1}{8}-\frac{1}{16}$	7	$11\frac{1}{8}$	25	$3\frac{7}{8}-\frac{1}{16}$
7	$2\frac{1}{2}$	23	$0\frac{7}{8}$	7	$6\frac{7}{8}$	24	$2\frac{1}{2}-\frac{1}{16}$	7	$11\frac{1}{4}$	25	$4\frac{1}{4}-\frac{1}{16}$
7	$2\frac{5}{8}$	23	$1\frac{1}{4}$	7	7	24	3	7	$11\frac{3}{8}$	25	$4\frac{5}{8}-\frac{1}{16}$
7	$2\frac{3}{4}$	23	$1\frac{5}{8}$	7	$7\frac{1}{8}$	24	$3\frac{3}{8}$	7	$11\frac{1}{2}$	25	$5\frac{1}{8}$
7	$2\frac{7}{8}$	23	2	7	$7\frac{1}{4}$	24	$3\frac{3}{4}-\frac{1}{16}$	7	$11\frac{5}{8}$	25	$5\frac{1}{2}$
7	3	23	$2\frac{3}{8}$	7	$7\frac{3}{8}$	24	$4\frac{1}{8}-\frac{1}{16}$	7	$11\frac{3}{4}$	25	$5\frac{7}{8}$
7	$3\frac{1}{8}$	23	$2\frac{3}{4}-\frac{1}{16}$	7	$7\frac{1}{2}$	24	$4\frac{1}{2}-\frac{1}{16}$	7	$11\frac{7}{8}$	25	$6\frac{1}{4}-\frac{1}{16}$
7	$3\frac{1}{4}$	23	$3\frac{1}{8}-\frac{1}{16}$	7	$7\frac{5}{8}$	24	5	8	0	25	$6\frac{5}{8}-\frac{1}{16}$
7	$3\frac{3}{8}$	23	$3\frac{1}{2}-\frac{1}{16}$	7	$7\frac{3}{4}$	24	$5\frac{3}{8}$	8	$0\frac{1}{8}$	25	$7\frac{1}{8}$
7	$3\frac{1}{2}$	23	4	7	$7\frac{7}{8}$	24	$5\frac{3}{4}$	8	$0\frac{1}{4}$	25	$7\frac{1}{2}$
7	$3\frac{5}{8}$	23	$4\frac{3}{8}$	7	8	24	$6\frac{1}{8}$	8	$0\frac{3}{8}$	25	$7\frac{7}{8}$
7	$3\frac{3}{4}$	23	$4\frac{3}{4}-\frac{1}{16}$	7	$8\frac{1}{8}$	24	$6\frac{1}{2}$	8	$0\frac{1}{2}$	25	$8\frac{1}{4}-\frac{1}{16}$
7	$3\frac{7}{8}$	23	$5\frac{1}{8}-\frac{1}{16}$	7	$8\frac{1}{4}$	24	$6\frac{7}{8}$	8	$0\frac{5}{8}$	25	$8\frac{5}{8}-\frac{1}{16}$
7	4	23	$5\frac{1}{2}-\frac{1}{16}$	7	$8\frac{3}{8}$	24	$7\frac{1}{4}-\frac{1}{16}$	8	$0\frac{3}{4}$	25	$9\frac{1}{16}$
7	$4\frac{1}{8}$	23	6	7	$8\frac{1}{2}$	24	$7\frac{5}{8}-\frac{1}{16}$	8	$0\frac{7}{8}$	25	$9\frac{3}{8}-\frac{1}{16}$
7	$4\frac{1}{4}$	23	$6\frac{3}{8}$	7	$8\frac{5}{8}$	24	$8\frac{1}{8}$	8	1	25	$9\frac{3}{4}-\frac{1}{16}$
7	$4\frac{3}{8}$	23	$6\frac{3}{4}$	7	$8\frac{3}{4}$	24	$8\frac{1}{2}$	8	$1\frac{1}{8}$	25	$10\frac{1}{8}-\frac{1}{16}$
7	$4\frac{1}{2}$	23	$7\frac{1}{8}$	7	$8\frac{7}{8}$	24	$8\frac{7}{8}$	8	$1\frac{1}{4}$	25	$10\frac{1}{2}-\frac{1}{16}$
7	$4\frac{5}{8}$	23	$7\frac{1}{2}$	7	9	24	$9\frac{1}{4}-\frac{1}{16}$	8	$1\frac{3}{8}$	25	11
7	$4\frac{3}{4}$	23	$7\frac{7}{8}$	7	$9\frac{1}{8}$	24	$9\frac{5}{8}-\frac{1}{16}$	8	$1\frac{1}{2}$	25	$11\frac{3}{8}$
7	$4\frac{7}{8}$	23	$8\frac{1}{4}-\frac{1}{16}$	7	$9\frac{1}{4}$	24	$10\frac{1}{16}$	8	$1\frac{5}{8}$	25	$11\frac{3}{4}-\frac{1}{16}$
7	5	23	$8\frac{5}{8}-\frac{1}{16}$	7	$9\frac{3}{8}$	24	$10\frac{5}{8}-\frac{1}{16}$	8	$1\frac{3}{4}$	26	$0\frac{1}{8}-\frac{1}{16}$
7	$5\frac{1}{8}$	23	$9\frac{1}{16}$	7	$9\frac{1}{2}$	24	$10\frac{3}{4}-\frac{1}{16}$	8	$1\frac{7}{8}$	26	$0\frac{1}{2}-\frac{1}{16}$
7	$5\frac{1}{4}$	23	$9\frac{1}{2}$	7	$9\frac{5}{8}$	24	$11\frac{1}{8}-\frac{1}{16}$	8	2	26	1
7	$5\frac{3}{8}$	23	$9\frac{7}{8}$	7	$9\frac{3}{4}$	24	$11\frac{1}{2}-\frac{1}{16}$	8	$2\frac{1}{8}$	26	$1\frac{3}{8}$
7	$5\frac{1}{2}$	23	$10\frac{1}{4}-\frac{1}{16}$	7	$9\frac{7}{8}$	25	0	8	$2\frac{1}{4}$	26	$1\frac{3}{4}-\frac{1}{16}$
7	$5\frac{5}{8}$	23	$10\frac{5}{8}-\frac{1}{16}$	7	10	25	$0\frac{3}{8}$	8	$2\frac{3}{8}$	26	$2\frac{1}{8}-\frac{1}{16}$
7	$5\frac{3}{4}$	23	$11\frac{1}{16}$	7	$10\frac{1}{8}$	25	$0\frac{3}{4}-\frac{1}{16}$	8	$2\frac{1}{2}$	26	$2\frac{1}{2}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}\ \frac{1}{16}$-INCH.

Diam		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
8	$2\frac{5}{8}$	26	$2\frac{7}{8}-\frac{1}{16}$	8	7	27	$4\frac{5}{8}-\frac{1}{16}$	8	$11\frac{3}{8}$	28	$6\frac{3}{8}$
8	$2\frac{3}{4}$	26	$3\frac{1}{4}-\frac{1}{16}$	8	$7\frac{1}{8}$	27	$5\frac{1}{16}$	8	$11\frac{1}{2}$	28	$6\frac{3}{4}-\frac{1}{16}$
8	$2\frac{7}{8}$	26	$3\frac{5}{8}-\frac{1}{16}$	8	$7\frac{1}{4}$	27	$5\frac{3}{8}-\frac{1}{16}$	8	$11\frac{5}{8}$	28	$7\frac{1}{8}-\frac{1}{16}$
8	3	26	$4\frac{1}{8}$	8	$7\frac{3}{8}$	27	$5\frac{3}{4}-\frac{1}{16}$	8	$11\frac{3}{4}$	28	$7\frac{1}{2}-\frac{1}{16}$
8	$3\frac{1}{8}$	26	$4\frac{1}{2}$	8	$7\frac{1}{2}$	27	$6\frac{1}{4}$	8	$11\frac{7}{8}$	28	8
8	$3\frac{1}{4}$	26	$4\frac{7}{8}$	8	$7\frac{5}{8}$	27	$6\frac{5}{8}$	9	0	28	$8\frac{3}{8}$
8	$3\frac{3}{8}$	26	$5\frac{1}{4}-\frac{1}{16}$	8	$7\frac{3}{4}$	27	7	9	$0\frac{1}{8}$	28	$8\frac{3}{4}$
8	$3\frac{1}{2}$	26	$5\frac{5}{8}-\frac{1}{16}$	8	$7\frac{7}{8}$	27	$7\frac{3}{8}-\frac{1}{16}$	9	$0\frac{1}{4}$	28	$9\frac{1}{8}$
8	$3\frac{5}{8}$	26	$6\frac{1}{16}$	8	8	27	$7\frac{3}{4}-\frac{1}{16}$	9	$0\frac{3}{8}$	28	$9\frac{1}{2}$
8	$3\frac{3}{4}$	26	$6\frac{3}{8}-\frac{1}{16}$	8	$8\frac{1}{8}$	27	$8\frac{1}{8}-\frac{1}{16}$	9	$0\frac{1}{2}$	28	$9\frac{7}{8}-\frac{1}{16}$
8	$3\frac{7}{8}$	26	$6\frac{3}{4}-\frac{1}{16}$	8	$8\frac{1}{4}$	27	$8\frac{1}{2}-\frac{1}{16}$	9	$0\frac{5}{8}$	28	$10\frac{1}{4}-\frac{1}{16}$
8	4	26	$7\frac{1}{4}$	8	$8\frac{3}{8}$	27	9	9	$0\frac{3}{4}$	28	$10\frac{3}{4}$
8	$4\frac{1}{8}$	26	$7\frac{5}{8}$	8	$8\frac{1}{2}$	27	$9\frac{3}{8}$	9	$0\frac{7}{8}$	28	$11\frac{1}{8}$
8	$4\frac{1}{4}$	26	8	8	$8\frac{5}{8}$	27	$9\frac{3}{4}$	9	1	28	$11\frac{1}{2}$
8	$4\frac{3}{8}$	26	$8\frac{3}{8}-\frac{1}{16}$	8	$8\frac{3}{4}$	27	$10\frac{1}{8}$	9	$1\frac{1}{8}$	28	$11\frac{7}{8}$
8	$4\frac{1}{2}$	26	$8\frac{3}{4}-\frac{1}{16}$	8	$8\frac{7}{8}$	27	$10\frac{1}{2}$	9	$1\frac{1}{4}$	29	$0\frac{1}{4}-\frac{1}{16}$
8	$4\frac{5}{8}$	26	$9\frac{1}{8}-\frac{1}{16}$	8	9	27	$10\frac{7}{8}-\frac{1}{16}$	9	$1\frac{3}{8}$	29	$0\frac{5}{8}-\frac{1}{16}$
8	$4\frac{3}{4}$	26	$9\frac{1}{2}-\frac{1}{16}$	8	$9\frac{1}{8}$	27	$11\frac{1}{4}-\frac{1}{16}$	9	$1\frac{1}{2}$	29	$1\frac{1}{16}$
8	$4\frac{7}{8}$	26	10	8	$9\frac{1}{4}$	27	$11\frac{3}{4}$	9	$1\frac{5}{8}$	29	$1\frac{1}{2}$
8	5	26	$10\frac{3}{8}$	8	$9\frac{3}{8}$	28	$0\frac{1}{8}$	9	$1\frac{3}{4}$	29	$1\frac{7}{8}$
8	$5\frac{1}{8}$	26	$10\frac{3}{4}$	8	$9\frac{1}{2}$	28	$0\frac{1}{2}$	9	$1\frac{7}{8}$	29	$2\frac{1}{4}$
8	$5\frac{1}{4}$	26	$11\frac{1}{8}-\frac{1}{16}$	8	$9\frac{5}{8}$	28	$0\frac{7}{8}$	9	2	29	$2\frac{5}{8}$
8	$5\frac{3}{8}$	26	$11\frac{1}{2}-\frac{1}{16}$	8	$9\frac{3}{4}$	28	$1\frac{1}{4}-\frac{1}{16}$	9	$2\frac{1}{8}$	29	3
8	$5\frac{1}{2}$	26	$11\frac{7}{8}-\frac{1}{16}$	8	$9\frac{7}{8}$	28	$1\frac{5}{8}-\frac{1}{16}$	9	$2\frac{1}{4}$	29	$3\frac{3}{8}-\frac{1}{16}$
8	$5\frac{5}{8}$	27	$0\frac{1}{4}-\frac{1}{16}$	8	10	28	$2\frac{1}{16}$	9	$2\frac{3}{8}$	29	$3\frac{3}{4}-\frac{1}{16}$
8	$5\frac{3}{4}$	27	$0\frac{5}{8}-\frac{1}{16}$	8	$10\frac{1}{8}$	28	$2\frac{1}{2}$	9	$2\frac{1}{2}$	29	$4\frac{1}{4}$
8	$5\frac{7}{8}$	27	$1\frac{1}{16}$	8	$10\frac{1}{4}$	28	$2\frac{7}{8}$	9	$2\frac{5}{8}$	29	$4\frac{5}{8}$
8	6	27	$1\frac{1}{2}$	8	$10\frac{3}{8}$	28	$3\frac{1}{4}$	9	$2\frac{3}{4}$	29	5
8	$6\frac{1}{8}$	27	$1\frac{7}{8}-\frac{1}{16}$	8	$10\frac{1}{2}$	28	$3\frac{5}{8}$	9	$2\frac{7}{8}$	29	$5\frac{3}{8}$
8	$6\frac{1}{4}$	27	$2\frac{1}{4}-\frac{1}{16}$	8	$10\frac{5}{8}$	28	4	9	3	29	$5\frac{3}{4}-\frac{1}{16}$
8	$6\frac{3}{8}$	27	$2\frac{5}{8}-\frac{1}{16}$	8	$10\frac{3}{4}$	28	$4\frac{3}{8}-\frac{1}{16}$	9	$3\frac{1}{8}$	29	$6\frac{1}{8}-\frac{1}{16}$
8	$6\frac{1}{2}$	27	$3\frac{1}{16}$	8	$10\frac{7}{8}$	28	$4\frac{7}{8}$	9	$3\frac{1}{4}$	29	$6\frac{1}{2}-\frac{1}{16}$
8	$6\frac{5}{8}$	27	$3\frac{1}{2}$	8	11	28	$5\frac{1}{4}$	9	$3\frac{3}{8}$	29	7
8	$6\frac{3}{4}$	27	$3\frac{7}{8}$	8	$11\frac{1}{8}$	28	$5\frac{5}{8}$	9	$3\frac{1}{2}$	29	$7\frac{3}{8}$
8	$6\frac{7}{8}$	27	$4\frac{1}{4}$	8	$11\frac{1}{4}$	28	6	9	$3\frac{5}{8}$	29	$7\frac{3}{4}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$ $\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
9	$3\frac{3}{4}$	29	$8\frac{1}{8}$	9	$8\frac{1}{8}$	30	$9\frac{7}{8}$	10	$0\frac{1}{2}$	31	$11\frac{5}{8}$
9	$3\frac{7}{8}$	29	$8\frac{1}{2}$-$\frac{1}{16}$	9	$8\frac{1}{4}$	30	$10\frac{1}{4}$	10	$0\frac{5}{8}$	32	0
9	4	29	$8\frac{7}{8}$-$\frac{1}{16}$	9	$8\frac{3}{8}$	30	$10\frac{5}{8}$-$\frac{1}{16}$	10	$0\frac{3}{4}$	32	$0\frac{3}{8}$-$\frac{1}{16}$
9	$4\frac{1}{8}$	29	$9\frac{1}{4}$-$\frac{1}{16}$	9	$8\frac{1}{2}$	30	$11\frac{1}{16}$	10	$0\frac{7}{8}$	32	$0\frac{1}{4}$-$\frac{1}{16}$
9	$4\frac{1}{4}$	29	$9\frac{3}{4}$	9	$8\frac{5}{8}$	30	$11\frac{3}{8}$-$\frac{1}{16}$	10	1	32	$1\frac{1}{8}$-$\frac{1}{16}$
9	$4\frac{3}{8}$	29	$10\frac{1}{8}$	9	$8\frac{3}{4}$	30	$11\frac{3}{4}$-$\frac{1}{16}$	10	$1\frac{1}{8}$	32	$1\frac{5}{8}$
9	$4\frac{1}{2}$	29	$10\frac{1}{2}$	9	$8\frac{7}{8}$	31	$0\frac{1}{4}$	10	$1\frac{1}{4}$	32	2
9	$4\frac{5}{8}$	29	$10\frac{7}{8}$	9	9	31	$0\frac{5}{8}$	10	$1\frac{3}{8}$	32	$2\frac{3}{8}$
9	$4\frac{3}{4}$	29	$11\frac{1}{4}$-$\frac{1}{16}$	9	$9\frac{1}{8}$	31	1	10	$1\frac{1}{2}$	32	$2\frac{3}{4}$-$\frac{1}{16}$
9	$4\frac{7}{8}$	29	$11\frac{5}{8}$-$\frac{1}{16}$	9	$9\frac{1}{4}$	31	$1\frac{3}{8}$-$\frac{1}{16}$	10	$1\frac{5}{8}$	32	$3\frac{1}{8}$-$\frac{1}{16}$
9	5	30	$0\frac{1}{16}$	9	$9\frac{3}{8}$	31	$1\frac{3}{4}$-$\frac{1}{16}$	10	$1\frac{3}{4}$	32	$3\frac{1}{2}$-$\frac{1}{16}$
9	$5\frac{1}{8}$	30	$0\frac{3}{8}$-$\frac{1}{16}$	9	$9\frac{1}{2}$	31	$2\frac{1}{4}$	10	$1\frac{7}{8}$	32	$3\frac{7}{8}$-$\frac{1}{16}$
9	$5\frac{1}{4}$	30	$0\frac{7}{8}$	9	$9\frac{5}{8}$	31	$2\frac{5}{8}$	10	2	32	$4\frac{3}{8}$
9	$5\frac{3}{8}$	30	$1\frac{1}{4}$	9	$9\frac{3}{4}$	31	3	10	$2\frac{1}{8}$	32	$4\frac{3}{4}$
9	$5\frac{1}{2}$	30	$1\frac{5}{8}$	9	$9\frac{7}{8}$	31	$3\frac{3}{8}$	10	$2\frac{1}{4}$	32	$5\frac{1}{8}$
9	$5\frac{5}{8}$	30	2	9	10	31	$3\frac{3}{4}$	10	$2\frac{3}{8}$	32	$5\frac{1}{2}$
9	$5\frac{3}{4}$	30	$2\frac{3}{8}$-$\frac{1}{16}$	9	$10\frac{1}{8}$	31	$4\frac{1}{8}$	10	$2\frac{1}{2}$	32	$5\frac{7}{8}$-$\frac{1}{16}$
9	$5\frac{7}{8}$	30	$2\frac{3}{4}$-$\frac{1}{16}$	9	$10\frac{1}{4}$	31	$4\frac{1}{2}$-$\frac{1}{16}$	10	$2\frac{5}{8}$	32	$6\frac{1}{4}$-$\frac{1}{16}$
9	6	30	$3\frac{1}{4}$	9	$10\frac{3}{8}$	31	5	10	$2\frac{3}{4}$	32	$6\frac{5}{8}$-$\frac{1}{16}$
9	$6\frac{1}{8}$	30	$3\frac{5}{8}$	9	$10\frac{1}{2}$	31	$5\frac{3}{8}$	10	$2\frac{7}{8}$	32	$7\frac{1}{8}$
9	$6\frac{1}{4}$	30	4	9	$10\frac{5}{8}$	31	$5\frac{3}{4}$	10	3	32	$7\frac{1}{2}$
9	$6\frac{3}{8}$	30	$4\frac{3}{8}$	9	$10\frac{3}{4}$	31	$6\frac{1}{8}$	10	$3\frac{1}{8}$	32	$7\frac{7}{8}$
9	$6\frac{1}{2}$	30	$4\frac{3}{4}$	9	$10\frac{7}{8}$	31	$6\frac{1}{2}$	10	$3\frac{1}{4}$	32	$8\frac{1}{4}$
9	$6\frac{5}{8}$	30	$5\frac{1}{8}$-$\frac{1}{16}$	9	11	31	$6\frac{7}{8}$-$\frac{1}{16}$	10	$3\frac{3}{8}$	32	$8\frac{5}{8}$-$\frac{1}{16}$
9	$6\frac{3}{4}$	30	$5\frac{1}{2}$-$\frac{1}{16}$	9	$11\frac{1}{8}$	31	$7\frac{1}{4}$-$\frac{1}{16}$	10	$3\frac{1}{2}$	32	$9\frac{1}{16}$
9	$6\frac{7}{8}$	30	6	9	$11\frac{1}{4}$	31	$7\frac{5}{8}$-$\frac{1}{16}$	10	$3\frac{5}{8}$	32	$9\frac{3}{8}$-$\frac{1}{16}$
9	7	30	$6\frac{3}{8}$	9	$11\frac{3}{8}$	31	$8\frac{1}{8}$	10	$3\frac{3}{4}$	32	$9\frac{3}{4}$-$\frac{1}{16}$
9	$7\frac{1}{8}$	30	$6\frac{3}{4}$	9	$11\frac{1}{2}$	31	$8\frac{1}{2}$	10	$3\frac{7}{8}$	32	$10\frac{1}{4}$
9	$7\frac{1}{4}$	30	$7\frac{1}{8}$	9	$11\frac{5}{8}$	31	$8\frac{7}{8}$	10	4	32	$10\frac{5}{8}$
9	$7\frac{3}{8}$	30	$7\frac{1}{2}$	9	$11\frac{3}{4}$	31	$9\frac{1}{4}$	10	$4\frac{1}{8}$	32	11
9	$7\frac{1}{2}$	30	$7\frac{7}{8}$-$\frac{1}{16}$	9	$11\frac{7}{8}$	31	$9\frac{5}{8}$-$\frac{1}{16}$	10	$4\frac{1}{4}$	32	$11\frac{3}{8}$-$\frac{1}{16}$
9	$7\frac{5}{8}$	30	$8\frac{1}{4}$-$\frac{1}{16}$	10	0	31	$10\frac{1}{16}$	10	$4\frac{3}{8}$	32	$11\frac{3}{4}$-$\frac{1}{16}$
9	$7\frac{3}{4}$	30	$8\frac{3}{4}$	10	$0\frac{1}{8}$	31	$10\frac{3}{8}$-$\frac{1}{16}$	10	$4\frac{1}{2}$	33	$0\frac{1}{4}$
9	$7\frac{7}{8}$	30	$9\frac{1}{8}$	10	$0\frac{1}{4}$	31	$10\frac{7}{8}$	10	$4\frac{5}{8}$	33	$0\frac{5}{8}$
9	8	30	$9\frac{1}{2}$	10	$0\frac{3}{8}$	31	$11\frac{1}{4}$	10	$4\frac{3}{4}$	33	1

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}\ \frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
10	$4\frac{7}{8}$	33	$1\frac{3}{8}$	10	$9\frac{1}{4}$	34	$3\frac{1}{8}$	11	$1\frac{5}{8}$	35	$4\frac{7}{8}$
10	5	33	$1\frac{3}{4}$	10	$9\frac{3}{8}$	34	$3\frac{1}{2}$	11	$1\frac{3}{4}$	35	$5\frac{1}{4}$
10	$5\frac{1}{8}$	33	$2\frac{1}{8}-\frac{1}{16}$	10	$9\frac{1}{2}$	34	$3\frac{7}{8}-\frac{1}{16}$	11	$1\frac{7}{8}$	35	$5\frac{5}{8}$
10	$5\frac{1}{4}$	33	$2\frac{1}{2}-\frac{1}{16}$	10	$9\frac{5}{8}$	34	$4\frac{1}{4}-\frac{1}{16}$	11	2	35	$6-\frac{1}{16}$
10	$5\frac{3}{8}$	33	3	10	$9\frac{3}{4}$	34	$4\frac{5}{8}-\frac{1}{16}$	11	$2\frac{1}{8}$	35	$6\frac{3}{8}-\frac{1}{16}$
10	$5\frac{1}{2}$	33	$3\frac{3}{8}$	10	$9\frac{7}{8}$	34	$5-\frac{1}{16}$	11	$2\frac{1}{4}$	35	$6\frac{3}{4}-\frac{1}{16}$
10	$5\frac{5}{8}$	33	$3\frac{3}{4}$	10	10	34	$5\frac{1}{2}$	11	$2\frac{3}{8}$	35	$7\frac{1}{4}$
10	$5\frac{3}{4}$	33	$4\frac{1}{8}$	10	$10\frac{1}{8}$	34	$5\frac{7}{8}$	11	$2\frac{1}{2}$	35	$7\frac{5}{8}$
10	$5\frac{7}{8}$	33	$4\frac{1}{2}$	10	$10\frac{1}{4}$	34	$6\frac{1}{4}$	11	$2\frac{5}{8}$	35	8
10	6	33	$4\frac{7}{8}$	10	$10\frac{3}{8}$	34	$6\frac{5}{8}-\frac{1}{16}$	11	$2\frac{3}{4}$	35	$8\frac{3}{8}-\frac{1}{16}$
10	$6\frac{1}{8}$	33	$5\frac{1}{4}-\frac{1}{16}$	10	$10\frac{1}{2}$	34	$7-\frac{1}{16}$	11	$2\frac{7}{8}$	35	$8\frac{3}{4}-\frac{1}{16}$
10	$6\frac{1}{4}$	33	$5\frac{5}{8}-\frac{1}{16}$	10	$10\frac{5}{8}$	34	$7\frac{3}{8}-\frac{1}{16}$	11	3	35	$9\frac{1}{8}-\frac{1}{16}$
10	$6\frac{3}{8}$	33	$6\frac{1}{16}$	10	$10\frac{3}{4}$	34	$7\frac{3}{4}-\frac{1}{16}$	11	$3\frac{1}{8}$	35	$9\frac{1}{2}-\frac{1}{16}$
10	$6\frac{1}{2}$	33	$6\frac{1}{2}$	10	$10\frac{7}{8}$	34	$8\frac{1}{4}$	11	$3\frac{1}{4}$	35	10
10	$6\frac{5}{8}$	33	$6\frac{7}{8}$	10	11	34	$8\frac{5}{8}$	11	$3\frac{3}{8}$	35	$10\frac{3}{8}$
10	$6\frac{3}{4}$	33	$7\frac{1}{4}$	10	$11\frac{1}{8}$	34	9	11	$3\frac{1}{2}$	35	$10\frac{3}{4}$
10	$6\frac{7}{8}$	33	$7\frac{3}{8}-\frac{1}{16}$	10	$11\frac{1}{4}$	34	$9\frac{3}{8}$	11	$3\frac{5}{8}$	35	$11\frac{1}{8}$
10	7	33	$8\frac{1}{16}$	10	$11\frac{3}{8}$	34	$9\frac{3}{4}-\frac{1}{16}$	11	$3\frac{3}{4}$	35	$11\frac{1}{2}-\frac{1}{16}$
10	$7\frac{1}{8}$	33	$8\frac{3}{8}-\frac{1}{16}$	10	$11\frac{1}{2}$	34	$10\frac{1}{8}-\frac{1}{16}$	11	$3\frac{7}{8}$	35	$11\frac{7}{8}-\frac{1}{16}$
10	$7\frac{1}{4}$	33	$8\frac{7}{8}$	10	$11\frac{5}{8}$	34	$10\frac{1}{2}-\frac{1}{16}$	11	4	36	$0\frac{1}{4}-\frac{1}{16}$
10	$7\frac{3}{8}$	33	$9\frac{1}{4}$	10	$11\frac{3}{4}$	34	11	11	$4\frac{1}{8}$	36	$0\frac{5}{8}-\frac{1}{16}$
10	$7\frac{1}{2}$	33	$9\frac{5}{8}$	10	$11\frac{7}{8}$	34	$11\frac{3}{8}$	11	$4\frac{1}{4}$	36	$1\frac{1}{8}$
10	$7\frac{5}{8}$	33	10	11	0	34	$11\frac{3}{4}$	11	$4\frac{3}{8}$	36	$1\frac{1}{2}$
10	$7\frac{3}{4}$	33	$10\frac{3}{8}-\frac{1}{16}$	11	$0\frac{1}{8}$	35	$0\frac{1}{8}$	11	$4\frac{1}{2}$	36	$1\frac{7}{8}$
10	$7\frac{7}{8}$	33	$10\frac{3}{4}-\frac{1}{16}$	11	$0\frac{1}{4}$	35	$0\frac{1}{2}-\frac{1}{16}$	11	$4\frac{5}{8}$	36	$2\frac{1}{4}-\frac{1}{16}$
10	8	33	$11\frac{1}{8}-\frac{1}{16}$	11	$0\frac{3}{8}$	35	$0\frac{7}{8}-\frac{1}{16}$	11	$4\frac{3}{4}$	36	$2\frac{5}{8}-\frac{1}{16}$
10	$8\frac{1}{8}$	33	$11\frac{1}{2}-\frac{1}{16}$	11	$0\frac{1}{2}$	35	$1\frac{1}{4}-\frac{1}{16}$	11	$4\frac{7}{8}$	36	$3-\frac{1}{16}$
10	$8\frac{1}{4}$	34	0	11	$0\frac{5}{8}$	35	$1\frac{3}{4}$	11	5	36	$3\frac{1}{2}$
10	$8\frac{3}{8}$	34	$0\frac{3}{8}$	11	$0\frac{3}{4}$	35	$2\frac{1}{8}$	11	$5\frac{1}{8}$	36	$3\frac{7}{8}$
10	$8\frac{1}{2}$	34	$0\frac{3}{4}$	11	$0\frac{7}{8}$	35	$2\frac{1}{2}$	11	$5\frac{1}{4}$	36	$4\frac{1}{4}$
10	$8\frac{5}{8}$	34	$1\frac{1}{8}-\frac{1}{16}$	11	1	35	$2\frac{7}{8}$	11	$5\frac{3}{8}$	36	$4\frac{5}{8}$
10	$8\frac{3}{4}$	34	$1\frac{1}{4}-\frac{1}{16}$	11	$1\frac{1}{8}$	35	$3\frac{1}{4}-\frac{1}{16}$	11	$5\frac{1}{2}$	36	5
10	$8\frac{7}{8}$	34	$1\frac{7}{8}-\frac{1}{16}$	11	$1\frac{1}{4}$	35	$3\frac{5}{8}-\frac{1}{16}$	11	$5\frac{5}{8}$	36	$5\frac{3}{8}-\frac{1}{16}$
10	9	34	$2\frac{1}{4}-\frac{1}{16}$	11	$1\frac{3}{8}$	35	$4-\frac{1}{16}$	11	$5\frac{3}{4}$	36	$5\frac{3}{4}-\frac{1}{16}$
10	$9\frac{1}{8}$	34	$2\frac{3}{4}$	11	$1\frac{1}{2}$	35	$4\frac{1}{2}$	11	$5\frac{7}{8}$	36	$6\frac{1}{4}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
11	6	36	$6\frac{5}{8}$	11	$10\frac{3}{8}$	37	$8\frac{3}{8}$	12	$2\frac{3}{4}$	38	$10\frac{1}{8}$
11	$6\frac{1}{8}$	36	7	11	$10\frac{1}{2}$	37	$8\frac{3}{4}$	12	$2\frac{7}{8}$	38	$10\frac{1}{2}$
11	$6\frac{1}{4}$	36	$7\frac{3}{8}$	11	$10\frac{5}{8}$	37	$9\frac{1}{8}$	12	3	38	$10\frac{7}{8}$
11	$6\frac{3}{8}$	36	$7\frac{3}{4}-\frac{1}{16}$	11	$10\frac{3}{4}$	37	$9\frac{1}{2}$	12	$3\frac{1}{8}$	38	$11\frac{1}{4}$
11	$6\frac{1}{2}$	36	$8\frac{1}{8}-\frac{1}{16}$	11	$10\frac{7}{8}$	37	$9\frac{7}{8}$	12	$3\frac{1}{4}$	38	$11\frac{5}{8}-\frac{1}{16}$
11	$6\frac{5}{8}$	36	$8\frac{1}{2}-\frac{1}{16}$	11	11	37	$10\frac{1}{4}-\frac{1}{16}$	12	$3\frac{3}{8}$	39	$0-\frac{1}{16}$
11	$6\frac{3}{4}$	36	9	11	$11\frac{1}{8}$	37	$10\frac{3}{4}$	12	$3\frac{1}{2}$	39	$0\frac{3}{8}-\frac{1}{16}$
11	$6\frac{7}{8}$	36	$9\frac{3}{8}$	11	$11\frac{1}{4}$	37	$11\frac{1}{8}$	12	$3\frac{5}{8}$	39	$0\frac{7}{8}$
11	7	36	$9\frac{3}{4}$	11	$11\frac{3}{8}$	37	$11\frac{1}{2}$	12	$3\frac{3}{4}$	39	$1\frac{1}{4}$
11	$7\frac{1}{8}$	36	$10\frac{1}{8}$	11	$11\frac{1}{2}$	37	$11\frac{7}{8}-\frac{1}{16}$	12	$3\frac{7}{8}$	39	$1\frac{5}{8}$
11	$7\frac{1}{4}$	36	$10\frac{1}{2}-\frac{1}{16}$	11	$11\frac{5}{8}$	38	$0\frac{1}{4}-\frac{1}{16}$	12	4	39	2
11	$7\frac{3}{8}$	36	$10\frac{7}{8}-\frac{1}{16}$	11	$11\frac{3}{4}$	38	$0\frac{3}{4}$	12	$4\frac{1}{8}$	39	$2\frac{3}{8}-\frac{1}{16}$
11	$7\frac{1}{2}$	36	$11\frac{1}{4}-\frac{1}{16}$	11	$11\frac{7}{8}$	38	$1\frac{1}{8}$	12	$4\frac{1}{4}$	39	$2\frac{3}{4}-\frac{1}{16}$
11	$7\frac{5}{8}$	36	$11\frac{3}{4}$	12	0	38	$1\frac{1}{2}$	12	$4\frac{3}{8}$	39	$3\frac{1}{4}$
11	$7\frac{3}{4}$	37	$0\frac{1}{8}$	12	$0\frac{1}{8}$	38	$1\frac{7}{8}$	12	$4\frac{1}{2}$	39	$3\frac{5}{8}$
11	$7\frac{7}{8}$	37	$0\frac{1}{2}$	12	$0\frac{1}{4}$	38	$2\frac{1}{4}$	12	$4\frac{5}{8}$	39	4
11	8	37	$0\frac{7}{8}$	12	$0\frac{3}{8}$	38	$2\frac{5}{8}$	12	$4\frac{3}{4}$	39	$4\frac{3}{8}-\frac{1}{16}$
11	$8\frac{1}{8}$	37	$1\frac{1}{4}-\frac{1}{16}$	12	$0\frac{1}{2}$	38	3	12	$4\frac{7}{8}$	39	$4\frac{3}{4}-\frac{1}{16}$
11	$8\frac{1}{4}$	37	$1\frac{5}{8}-\frac{1}{16}$	12	$0\frac{5}{8}$	38	$3\frac{3}{8}$	12	5	39	$5\frac{1}{8}-\frac{1}{16}$
11	$8\frac{3}{8}$	37	$2-\frac{1}{16}$	12	$0\frac{3}{4}$	38	$3\frac{3}{4}-\frac{1}{16}$	12	$5\frac{1}{8}$	39	$5\frac{1}{2}-\frac{1}{16}$
11	$8\frac{1}{2}$	37	$2\frac{3}{8}-\frac{1}{16}$	12	$0\frac{7}{8}$	38	$4\frac{1}{8}-\frac{1}{16}$	12	$5\frac{1}{4}$	39	$5\frac{7}{8}-\frac{1}{16}$
11	$8\frac{5}{8}$	37	$2\frac{7}{8}$	12	1	38	$4\frac{5}{8}$	12	$5\frac{3}{8}$	39	$6\frac{3}{8}$
11	$8\frac{3}{4}$	37	$3\frac{1}{4}$	12	$1\frac{1}{8}$	38	5	12	$5\frac{1}{2}$	39	$6\frac{3}{4}$
11	$8\frac{7}{8}$	37	$3\frac{5}{8}$	12	$1\frac{1}{4}$	38	$5\frac{3}{8}$	12	$5\frac{5}{8}$	39	$7\frac{1}{8}$
11	9	37	$4-\frac{1}{16}$	12	$1\frac{3}{8}$	38	$5\frac{3}{4}-\frac{1}{16}$	12	$5\frac{3}{4}$	39	$7\frac{1}{2}$
11	$9\frac{1}{8}$	37	$4\frac{3}{8}-\frac{1}{16}$	12	$1\frac{1}{2}$	38	$6\frac{1}{4}$	12	$5\frac{7}{8}$	39	$7\frac{7}{8}-\frac{1}{16}$
11	$9\frac{1}{4}$	37	$4\frac{3}{4}-\frac{1}{16}$	12	$1\frac{5}{8}$	38	$6\frac{5}{8}$	12	6	39	$8\frac{1}{4}-\frac{1}{16}$
11	$9\frac{3}{8}$	37	$5\frac{1}{4}$	12	$1\frac{3}{4}$	38	7	12	$6\frac{1}{8}$	39	$8\frac{5}{8}-\frac{1}{16}$
11	$9\frac{1}{2}$	37	$5\frac{5}{8}$	12	$1\frac{7}{8}$	38	$7\frac{3}{8}$	12	$6\frac{1}{4}$	39	$9\frac{1}{8}$
11	$9\frac{5}{8}$	37	6	12	2	38	$7\frac{3}{4}$	12	$6\frac{3}{8}$	39	$9\frac{1}{2}$
11	$9\frac{3}{4}$	37	$6\frac{3}{8}$	12	$2\frac{1}{8}$	38	$8\frac{1}{8}$	12	$6\frac{1}{2}$	39	$9\frac{7}{8}$
11	$9\frac{7}{8}$	37	$6\frac{3}{4}$	12	$2\frac{1}{4}$	38	$8\frac{1}{2}-\frac{1}{16}$	12	$6\frac{5}{8}$	39	$10\frac{1}{4}-\frac{1}{16}$
11	10	37	$7\frac{1}{8}-\frac{1}{16}$	12	$2\frac{3}{8}$	38	$8\frac{7}{8}-\frac{1}{16}$	12	$6\frac{3}{4}$	39	$10\frac{5}{8}-\frac{1}{16}$
11	$10\frac{1}{8}$	37	$7\frac{1}{2}-\frac{1}{16}$	12	$2\frac{1}{2}$	38	$9\frac{1}{4}-\frac{1}{16}$	12	$6\frac{7}{8}$	39	$11-\frac{1}{16}$
11	$10\frac{1}{4}$	37	$7\frac{7}{8}-\frac{1}{16}$	12	$2\frac{5}{8}$	38	$9\frac{3}{4}$	12	7	39	$11\frac{3}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-$\frac{1}{16}$ INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
12	$7\frac{1}{8}$	39	$11\frac{3}{4}$-$\frac{1}{16}$	12	$8\frac{7}{8}$	40	$5\frac{1}{4}$-$\frac{1}{16}$	12	$10\frac{1}{2}$	40	$10\frac{1}{2}$
12	$7\frac{1}{4}$	40	$0\frac{1}{4}$	12	9	40	$5\frac{3}{4}$	12	$10\frac{5}{8}$	40	$10\frac{7}{8}$
12	$7\frac{3}{8}$	40	$0\frac{5}{8}$	12	$9\frac{1}{8}$	40	$6\frac{1}{8}$	12	$10\frac{3}{4}$	40	$11\frac{1}{4}$
12	$7\frac{1}{2}$	40	1	12	$9\frac{1}{4}$	40	$6\frac{1}{2}$	12	$10\frac{7}{8}$	40	$11\frac{5}{8}$-$\frac{1}{16}$
12	$7\frac{5}{8}$	40	$1\frac{3}{8}$-$\frac{1}{16}$	12	$9\frac{3}{8}$	40	$6\frac{7}{8}$-$\frac{1}{16}$	12	11	41	$0\frac{1}{16}$
12	$7\frac{3}{4}$	40	$1\frac{3}{4}$-$\frac{1}{16}$	12	$9\frac{1}{2}$	40	$7\frac{1}{4}$-$\frac{1}{16}$	12	$11\frac{1}{8}$	41	$0\frac{3}{8}$-$\frac{1}{16}$
12	$7\frac{7}{8}$	40	$2\frac{1}{8}$-$\frac{1}{16}$	12	$9\frac{5}{8}$	40	$7\frac{3}{4}$	12	$11\frac{1}{4}$	41	$0\frac{7}{8}$
12	8	40	$2\frac{1}{2}$-$\frac{1}{16}$	12	$9\frac{3}{4}$	40	$8\frac{1}{8}$	12	$11\frac{3}{8}$	41	$1\frac{1}{4}$
12	$8\frac{1}{8}$	40	$2\frac{7}{8}$-$\frac{1}{16}$	12	$9\frac{7}{8}$	40	$8\frac{1}{2}$	12	$11\frac{1}{2}$	41	$1\frac{5}{8}$
12	$8\frac{1}{4}$	40	$3\frac{3}{8}$	12	10	40	$8\frac{7}{8}$-$\frac{1}{16}$	12	$11\frac{5}{8}$	41	$2\frac{1}{16}$
12	$8\frac{3}{8}$	40	$3\frac{3}{4}$-$\frac{1}{16}$	12	$10\frac{1}{8}$	40	$9\frac{1}{4}$-$\frac{1}{16}$	12	$11\frac{3}{4}$	41	$2\frac{3}{8}$-$\frac{1}{16}$
12	$8\frac{1}{2}$	40	$4\frac{1}{8}$-$\frac{1}{16}$	12	$10\frac{1}{4}$	40	$9\frac{5}{8}$-$\frac{1}{16}$	12	$11\frac{7}{8}$	41	$2\frac{7}{8}$
12	$8\frac{5}{8}$	40	$4\frac{1}{2}$-$\frac{1}{16}$	12	$10\frac{3}{8}$	40	10-$\frac{1}{16}$	13	0	41	$3\frac{1}{4}$
12	$8\frac{3}{4}$	40	$4\frac{7}{8}$-$\frac{1}{16}$								

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{7}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	0	3	$7\frac{1}{8}$-$\frac{1}{16}$	1	2	4	$1\frac{3}{8}$-$\frac{1}{16}$	1	4	4	$7\frac{3}{4}$
1	$0\frac{1}{8}$	3	$7\frac{1}{2}$-$\frac{1}{16}$	1	$2\frac{1}{8}$	4	$1\frac{3}{4}$-$\frac{1}{16}$	1	$4\frac{1}{8}$	4	$8\frac{1}{8}$
1	$0\frac{1}{4}$	3	$7\frac{7}{8}$-$\frac{1}{16}$	1	$2\frac{1}{4}$	4	$2\frac{1}{4}$	1	$4\frac{1}{4}$	4	$8\frac{1}{2}$
1	$0\frac{3}{8}$	3	$8\frac{1}{4}$-$\frac{1}{16}$	1	$2\frac{3}{8}$	4	$2\frac{5}{8}$	1	$4\frac{3}{8}$	4	$8\frac{7}{8}$-$\frac{1}{16}$
1	$0\frac{1}{2}$	3	$8\frac{3}{4}$	1	$2\frac{1}{2}$	4	$3\frac{1}{16}$	1	$4\frac{1}{2}$	4	$9\frac{1}{4}$-$\frac{1}{16}$
1	$0\frac{5}{8}$	3	$9\frac{1}{8}$	1	$2\frac{5}{8}$	4	$3\frac{3}{8}$-$\frac{1}{16}$	1	$4\frac{5}{8}$	4	$9\frac{5}{8}$-$\frac{1}{16}$
1	$0\frac{3}{4}$	3	$9\frac{1}{2}$-$\frac{1}{16}$	1	$2\frac{3}{4}$	4	$3\frac{3}{4}$-$\frac{1}{16}$	1	$4\frac{3}{4}$	4	$10\frac{1}{16}$
1	$0\frac{7}{8}$	3	$9\frac{7}{8}$-$\frac{1}{16}$	1	$2\frac{7}{8}$	4	$4\frac{1}{8}$-$\frac{1}{16}$	1	$4\frac{7}{8}$	4	$10\frac{1}{2}$
1	1	3	$10\frac{1}{4}$-$\frac{1}{16}$	1	3	4	$4\frac{1}{2}$-$\frac{1}{16}$	1	5	4	$10\frac{7}{8}$
1	$1\frac{1}{8}$	3	$10\frac{5}{8}$-$\frac{1}{16}$	1	$3\frac{1}{8}$	4	5	1	$5\frac{1}{8}$	4	$11\frac{1}{4}$
1	$1\frac{1}{4}$	3	$11\frac{1}{16}$	1	$3\frac{1}{4}$	4	$5\frac{3}{8}$	1	$5\frac{1}{4}$	4	$11\frac{5}{8}$-$\frac{1}{16}$
1	$1\frac{3}{8}$	3	$11\frac{1}{2}$	1	$3\frac{3}{8}$	4	$5\frac{3}{4}$-$\frac{1}{16}$	1	$5\frac{3}{8}$	5	$0\frac{1}{16}$
1	$1\frac{1}{2}$	3	$11\frac{7}{8}$	1	$3\frac{1}{2}$	4	$6\frac{1}{8}$-$\frac{1}{16}$	1	$5\frac{1}{2}$	5	$0\frac{3}{8}$-$\frac{1}{16}$
1	$1\frac{5}{8}$	4	$0\frac{1}{4}$	1	$3\frac{5}{8}$	4	$6\frac{1}{2}$-$\frac{1}{16}$	1	$5\frac{5}{8}$	5	$0\frac{3}{4}$-$\frac{1}{16}$
1	$1\frac{3}{4}$	4	$0\frac{5}{8}$-$\frac{1}{16}$	1	$3\frac{3}{4}$	4	$6\frac{7}{8}$-$\frac{1}{16}$	1	$5\frac{3}{4}$	5	$1\frac{1}{4}$
1	$1\frac{7}{8}$	4	$1\frac{1}{16}$	1	$3\frac{7}{8}$	4	$7\frac{1}{4}$-$\frac{1}{16}$	1	$5\frac{7}{8}$	5	$1\frac{5}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{7}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	6	5	2	1	$10\frac{3}{8}$	6	$3\frac{3}{4}$	2	$2\frac{3}{4}$	7	$5\frac{1}{2}$
1	$6\frac{1}{8}$	5	$2\frac{3}{8}-\frac{1}{16}$	1	$10\frac{1}{2}$	6	$4\frac{1}{8}$	2	$2\frac{7}{8}$	7	$5\frac{7}{8}$
1	$6\frac{1}{4}$	5	$2\frac{3}{4}-\frac{1}{16}$	1	$10\frac{5}{8}$	6	$4\frac{1}{2}-\frac{1}{16}$	2	3	7	$6\frac{1}{4}-\frac{1}{16}$
1	$6\frac{3}{8}$	5	$3\frac{1}{8}-\frac{1}{16}$	1	$10\frac{3}{4}$	6	$4\frac{7}{8}-\frac{1}{16}$	2	$3\frac{1}{8}$	7	$6\frac{5}{8}-\frac{1}{16}$
1	$6\frac{1}{2}$	5	$3\frac{1}{2}-\frac{1}{16}$	1	$10\frac{7}{8}$	6	$5\frac{1}{4}-\frac{1}{16}$	2	$3\frac{1}{4}$	7	$7\frac{1}{16}$
1	$6\frac{5}{8}$	5	4	1	11	6	$5\frac{3}{4}$	2	$3\frac{3}{8}$	7	$7\frac{3}{8}-\frac{1}{16}$
1	$6\frac{3}{4}$	5	$4\frac{3}{8}$	1	$11\frac{1}{8}$	6	$6\frac{1}{8}$	2	$3\frac{1}{2}$	7	$7\frac{7}{8}$
1	$6\frac{7}{8}$	5	$4\frac{3}{4}$	1	$11\frac{1}{4}$	6	$6\frac{1}{2}$	2	$3\frac{5}{8}$	7	$8\frac{1}{4}$
1	7	5	$5\frac{1}{8}-\frac{1}{16}$	1	$11\frac{3}{8}$	6	$6\frac{7}{8}-\frac{1}{16}$	2	$3\frac{3}{4}$	7	$8\frac{5}{8}$
1	$7\frac{1}{8}$	5	$5\frac{1}{2}-\frac{1}{16}$	1	$11\frac{1}{2}$	6	$7\frac{1}{4}-\frac{1}{16}$	2	$3\frac{7}{8}$	7	$9\frac{1}{16}$
1	$7\frac{1}{4}$	5	$5\frac{7}{8}-\frac{1}{16}$	1	$11\frac{5}{8}$	6	$7\frac{3}{4}$	2	4	7	$9\frac{3}{8}-\frac{1}{16}$
1	$7\frac{3}{8}$	5	$6\frac{1}{4}-\frac{1}{16}$	1	$11\frac{3}{4}$	6	$8\frac{1}{8}$	2	$4\frac{1}{8}$	7	$9\frac{3}{4}-\frac{1}{16}$
1	$7\frac{1}{2}$	5	$6\frac{3}{4}$	1	$11\frac{7}{8}$	6	$8\frac{1}{2}$	2	$4\frac{1}{4}$	7	$10\frac{1}{4}$
1	$7\frac{5}{8}$	5	$7\frac{1}{8}$	2	0	6	$8\frac{7}{8}$	2	$4\frac{3}{8}$	7	$10\frac{5}{8}$
1	$7\frac{3}{4}$	5	$7\frac{1}{2}$	2	$0\frac{1}{8}$	6	$9\frac{1}{4}$	2	$4\frac{1}{2}$	7	11
1	$7\frac{7}{8}$	5	$7\frac{7}{8}$	2	$0\frac{1}{4}$	6	$9\frac{5}{8}-\frac{1}{16}$	2	$4\frac{5}{8}$	7	$11\frac{3}{8}$
1	8	5	$8\frac{1}{4}-\frac{1}{16}$	2	$0\frac{3}{8}$	6	$10\frac{1}{16}$	2	$4\frac{3}{4}$	7	$11\frac{3}{4}-\frac{1}{16}$
1	$8\frac{1}{8}$	5	$8\frac{5}{8}-\frac{1}{16}$	2	$0\frac{1}{2}$	6	$10\frac{3}{8}-\frac{1}{16}$	2	$4\frac{7}{8}$	8	$0\frac{1}{8}-\frac{1}{16}$
1	$8\frac{1}{4}$	5	$9\frac{1}{16}$	2	$0\frac{5}{8}$	6	$10\frac{3}{4}-\frac{1}{16}$	2	5	8	$0\frac{1}{2}-\frac{1}{16}$
1	$8\frac{3}{8}$	5	$9\frac{1}{2}$	2	$0\frac{3}{4}$	6	$11\frac{1}{4}$	2	$5\frac{1}{8}$	8	1
1	$8\frac{1}{2}$	5	$9\frac{7}{8}$	2	$0\frac{7}{8}$	6	$11\frac{5}{8}$	2	$5\frac{1}{4}$	8	$1\frac{3}{8}$
1	$8\frac{5}{8}$	5	$10\frac{1}{4}$	2	1	7	0	2	$5\frac{3}{8}$	8	$1\frac{3}{4}-\frac{1}{16}$
1	$8\frac{3}{4}$	5	$10\frac{5}{8}$	2	$1\frac{1}{8}$	7	$0\frac{3}{8}-\frac{1}{16}$	2	$5\frac{1}{2}$	8	$2\frac{1}{8}-\frac{1}{16}$
1	$8\frac{7}{8}$	5	$11\frac{1}{16}$	2	$1\frac{1}{4}$	7	$0\frac{3}{4}-\frac{1}{16}$	2	$5\frac{5}{8}$	8	$2\frac{1}{2}-\frac{1}{16}$
1	9	5	$11\frac{3}{8}-\frac{1}{16}$	2	$1\frac{3}{8}$	7	$1\frac{1}{8}-\frac{1}{16}$	2	$5\frac{3}{4}$	8	3
1	$9\frac{1}{8}$	5	$11\frac{3}{4}-\frac{1}{16}$	2	$1\frac{1}{2}$	7	$1\frac{1}{2}-\frac{1}{16}$	2	$5\frac{7}{8}$	8	$3\frac{3}{8}$
1	$9\frac{1}{4}$	6	$0\frac{1}{4}$	2	$1\frac{5}{8}$	7	2	2	6	8	$3\frac{3}{4}$
1	$9\frac{3}{8}$	6	$0\frac{5}{8}$	2	$1\frac{3}{4}$	7	$2\frac{3}{8}$	2	$6\frac{1}{8}$	8	$4\frac{1}{8}$
1	$9\frac{1}{2}$	6	1	2	$1\frac{7}{8}$	7	$2\frac{3}{4}$	2	$6\frac{1}{4}$	8	$4\frac{1}{2}$
1	$9\frac{5}{8}$	6	$1\frac{3}{8}$	2	2	7	$3\frac{1}{8}$	2	$6\frac{3}{8}$	8	$4\frac{7}{8}$
1	$9\frac{3}{4}$	6	$1\frac{3}{4}-\frac{1}{16}$	2	$2\frac{1}{8}$	7	$3\frac{1}{2}-\frac{1}{16}$	2	$6\frac{1}{2}$	8	$5\frac{1}{4}-\frac{1}{16}$
1	$9\frac{7}{8}$	6	$2\frac{1}{8}-\frac{1}{16}$	2	$2\frac{1}{4}$	7	$3\frac{7}{8}-\frac{1}{16}$	2	$6\frac{5}{8}$	8	$5\frac{5}{8}-\frac{1}{16}$
1	10	6	$2\frac{1}{2}-\frac{1}{16}$	2	$2\frac{3}{8}$	7	$4\frac{1}{4}-\frac{1}{16}$	2	$6\frac{3}{4}$	8	$6\frac{1}{16}$
1	$10\frac{1}{8}$	6	3	2	$2\frac{1}{2}$	7	$4\frac{3}{4}$	2	$6\frac{7}{8}$	8	$6\frac{1}{2}$
1	$10\frac{1}{4}$	6	$3\frac{3}{8}$	2	$2\frac{5}{8}$	7	$5\frac{1}{8}$	2	7	8	$6\frac{7}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{7}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
2	$7\frac{1}{8}$	8	$7\frac{1}{4}-\frac{1}{16}$	2	$11\frac{1}{2}$	9	9	3	$3\frac{7}{8}$	10	$10\frac{3}{4}-\frac{1}{16}$
2	$7\frac{1}{4}$	8	$7\frac{5}{8}-\frac{1}{16}$	2	$11\frac{5}{8}$	9	$9\frac{3}{8}$	3	4	10	$11\frac{1}{8}-\frac{1}{16}$
2	$7\frac{3}{8}$	8	$8\frac{1}{16}$	2	$11\frac{3}{4}$	9	$9\frac{3}{4}-\frac{1}{16}$	3	$4\frac{1}{8}$	10	$11\frac{1}{2}-\frac{1}{16}$
2	$7\frac{1}{2}$	8	$8\frac{1}{2}$	2	$11\frac{7}{8}$	9	$10\frac{1}{8}-\frac{1}{16}$	3	$4\frac{1}{4}$	10	$11\frac{7}{8}-\frac{1}{16}$
2	$7\frac{5}{8}$	8	$8\frac{7}{8}$	3	0	9	$10\frac{1}{2}-\frac{1}{16}$	3	$4\frac{3}{8}$	11	$0\frac{1}{4}-\frac{1}{16}$
2	$7\frac{3}{4}$	8	$9\frac{1}{4}$	3	$0\frac{1}{8}$	9	11	3	$4\frac{1}{2}$	11	$0\frac{5}{8}-\frac{1}{16}$
2	$7\frac{7}{8}$	8	$9\frac{5}{8}$	3	$0\frac{1}{4}$	9	$11\frac{3}{8}$	3	$4\frac{5}{8}$	11	$1\frac{1}{16}$
2	8	8	10	3	$0\frac{3}{8}$	9	$11\frac{3}{4}-\frac{1}{16}$	3	$4\frac{3}{4}$	11	$1\frac{1}{2}$
2	$8\frac{1}{8}$	8	$10\frac{3}{8}$	3	$0\frac{1}{2}$	10	$0\frac{1}{8}-\frac{1}{16}$	3	$4\frac{7}{8}$	11	$1\frac{7}{8}$
2	$8\frac{1}{4}$	8	$10\frac{3}{4}-\frac{1}{16}$	3	$0\frac{5}{8}$	10	$0\frac{1}{2}-\frac{1}{16}$	3	5	11	$2\frac{1}{4}-\frac{1}{16}$
2	$8\frac{3}{8}$	8	$11\frac{1}{8}-\frac{1}{16}$	3	$0\frac{3}{4}$	10	1	3	$5\frac{1}{8}$	11	$2\frac{5}{8}-\frac{1}{16}$
2	$8\frac{1}{2}$	8	$11\frac{5}{8}$	3	$0\frac{7}{8}$	10	$1\frac{3}{8}$	3	$5\frac{1}{4}$	11	$3\frac{1}{16}$
2	$8\frac{5}{8}$	9	0	3	1	10	$1\frac{3}{4}$	3	$5\frac{3}{8}$	11	$3\frac{1}{2}$
2	$8\frac{3}{4}$	9	$0\frac{3}{8}$	3	$1\frac{1}{8}$	10	$2\frac{1}{8}$	3	$5\frac{1}{2}$	11	$3\frac{7}{8}$
2	$8\frac{7}{8}$	9	$0\frac{3}{4}-\frac{1}{16}$	3	$1\frac{1}{4}$	10	$2\frac{1}{2}$	3	$5\frac{5}{8}$	11	$4\frac{1}{4}-\frac{1}{16}$
2	9	9	$1\frac{1}{8}-\frac{1}{16}$	3	$1\frac{3}{8}$	10	$2\frac{7}{8}$	3	$5\frac{3}{4}$	11	$4\frac{5}{8}-\frac{1}{16}$
2	$9\frac{1}{8}$	9	$1\frac{5}{8}$	3	$1\frac{1}{2}$	10	$3\frac{1}{4}-\frac{1}{16}$	3	$5\frac{7}{8}$	11	$5\frac{1}{16}$
2	$9\frac{1}{4}$	9	2	3	$1\frac{5}{8}$	10	$3\frac{5}{8}-\frac{1}{16}$	3	6	11	$5\frac{3}{8}-\frac{1}{16}$
2	$9\frac{3}{8}$	9	$2\frac{3}{8}$	3	$1\frac{3}{4}$	10	$4\frac{1}{8}$	3	$6\frac{1}{8}$	11	$5\frac{3}{4}-\frac{1}{16}$
2	$9\frac{1}{2}$	9	$2\frac{3}{4}$	3	$1\frac{7}{8}$	10	$4\frac{1}{2}$	3	$6\frac{1}{4}$	11	$6\frac{1}{8}-\frac{1}{16}$
2	$9\frac{5}{8}$	9	$3\frac{1}{8}$	3	2	10	$4\frac{7}{8}$	3	$6\frac{3}{8}$	11	$6\frac{1}{2}-\frac{1}{16}$
2	$9\frac{3}{4}$	9	$3\frac{1}{2}$	3	$2\frac{1}{8}$	10	$5\frac{1}{4}-\frac{1}{16}$	3	$6\frac{1}{2}$	11	7
2	$9\frac{7}{8}$	9	$3\frac{7}{8}$	3	$2\frac{1}{4}$	10	$5\frac{5}{8}-\frac{1}{16}$	3	$6\frac{5}{8}$	11	$7\frac{3}{8}$
2	10	9	$4\frac{1}{4}-\frac{1}{16}$	3	$2\frac{3}{8}$	10	$6\frac{1}{16}$	3	$6\frac{3}{4}$	11	$7\frac{1}{4}-\frac{1}{16}$
2	$10\frac{1}{8}$	9	$4\frac{5}{8}-\frac{1}{16}$	3	$2\frac{1}{2}$	10	$6\frac{3}{8}-\frac{1}{16}$	3	$6\frac{7}{8}$	11	$8\frac{1}{8}-\frac{1}{16}$
2	$10\frac{1}{4}$	9	$5\frac{1}{16}$	3	$2\frac{5}{8}$	10	$6\frac{3}{4}-\frac{1}{16}$	3	7	11	$8\frac{1}{2}-\frac{1}{16}$
2	$10\frac{3}{8}$	9	$5\frac{1}{2}$	3	$2\frac{3}{4}$	10	$7\frac{1}{8}-\frac{1}{16}$	3	$7\frac{1}{8}$	11	9
2	$10\frac{1}{2}$	9	$5\frac{7}{8}$	3	$2\frac{7}{8}$	10	$7\frac{5}{8}$	3	$7\frac{1}{4}$	11	$9\frac{3}{8}$
2	$10\frac{5}{8}$	9	$6\frac{1}{4}-\frac{1}{16}$	3	3	10	8	3	$7\frac{3}{8}$	11	$9\frac{3}{4}-\frac{1}{16}$
2	$10\frac{3}{4}$	9	$6\frac{5}{8}-\frac{1}{16}$	3	$3\frac{1}{8}$	10	$8\frac{3}{8}$	3	$7\frac{1}{2}$	11	$10\frac{1}{8}-\frac{1}{16}$
2	$10\frac{7}{8}$	9	$7\frac{1}{16}$	3	$3\frac{1}{4}$	10	$8\frac{3}{4}-\frac{1}{16}$	3	$7\frac{5}{8}$	11	$10\frac{1}{2}-\frac{1}{16}$
2	11	9	$7\frac{3}{8}-\frac{1}{16}$	3	$3\frac{3}{8}$	10	$9\frac{1}{8}-\frac{1}{16}$	3	$7\frac{3}{4}$	11	$10\frac{7}{8}-\frac{1}{16}$
2	$11\frac{1}{8}$	9	$7\frac{3}{4}-\frac{1}{16}$	3	$3\frac{1}{2}$	10	$9\frac{5}{8}$	3	$7\frac{7}{8}$	11	$11\frac{1}{4}-\frac{1}{16}$
2	$11\frac{1}{4}$	9	$8\frac{1}{8}-\frac{1}{16}$	3	$3\frac{5}{8}$	10	10	3	8	11	$11\frac{5}{8}-\frac{1}{16}$
2	$11\frac{3}{8}$	9	$8\frac{1}{2}-\frac{1}{16}$	3	$3\frac{3}{4}$	10	$10\frac{3}{8}$	3	$8\frac{1}{8}$	12	$0\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{7}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	$8\frac{1}{4}$	12	$0\frac{1}{2}$	4	$0\frac{5}{8}$	13	$2\frac{1}{4}$-$\frac{1}{16}$	4	5	14	4
3	$8\frac{3}{8}$	12	$0\frac{7}{8}$	4	$0\frac{3}{4}$	13	$2\frac{5}{8}$-$\frac{1}{16}$	4	$5\frac{1}{8}$	14	$4\frac{3}{8}$
3	$8\frac{1}{2}$	12	$1\frac{1}{4}$-$\frac{1}{16}$	4	$0\frac{7}{8}$	13	$3\frac{1}{16}$	4	$5\frac{1}{4}$	14	$4\frac{3}{4}$-$\frac{1}{16}$
3	$8\frac{5}{8}$	12	$1\frac{5}{8}$-$\frac{1}{16}$	4	1	13	$3\frac{3}{8}$-$\frac{1}{16}$	4	$5\frac{3}{8}$	14	$5\frac{1}{8}$-$\frac{1}{16}$
3	$8\frac{3}{4}$	12	$2\frac{1}{16}$	4	$1\frac{1}{8}$	13	$3\frac{3}{4}$-$\frac{1}{16}$	4	$5\frac{1}{2}$	14	$5\frac{1}{2}$-$\frac{1}{16}$
3	$8\frac{7}{8}$	12	$2\frac{1}{2}$	4	$1\frac{1}{4}$	13	$4\frac{1}{8}$-$\frac{1}{16}$	4	$5\frac{5}{8}$	14	6
3	9	12	$2\frac{7}{8}$	4	$1\frac{3}{8}$	13	$4\frac{1}{2}$-$\frac{1}{16}$	4	$5\frac{3}{4}$	14	$6\frac{3}{8}$
3	$9\frac{1}{8}$	12	$3\frac{1}{4}$-$\frac{1}{16}$	4	$1\frac{1}{2}$	13	5	4	$5\frac{7}{8}$	14	$6\frac{3}{4}$
3	$9\frac{1}{4}$	12	$3\frac{5}{8}$-$\frac{1}{16}$	4	$1\frac{5}{8}$	13	$5\frac{3}{8}$	4	6	14	$7\frac{1}{8}$
3	$9\frac{3}{8}$	12	$4\frac{1}{16}$	4	$1\frac{3}{4}$	13	$5\frac{3}{4}$-$\frac{1}{16}$	4	$6\frac{1}{8}$	14	$7\frac{1}{2}$
3	$9\frac{1}{2}$	12	$4\frac{3}{8}$-$\frac{1}{16}$	4	$1\frac{7}{8}$	13	$6\frac{1}{8}$-$\frac{1}{16}$	4	$6\frac{1}{4}$	14	$7\frac{7}{8}$
3	$9\frac{5}{8}$	12	$4\frac{3}{4}$-$\frac{1}{16}$	4	2	13	$6\frac{1}{2}$-$\frac{1}{16}$	4	$6\frac{3}{8}$	14	$8\frac{1}{4}$-$\frac{1}{16}$
3	$9\frac{3}{4}$	12	$5\frac{1}{8}$-$\frac{1}{16}$	4	$2\frac{1}{8}$	13	7	4	$6\frac{1}{2}$	14	$8\frac{5}{8}$-$\frac{1}{16}$
3	$9\frac{7}{8}$	12	$5\frac{1}{2}$-$\frac{1}{16}$	4	$2\frac{1}{4}$	13	$7\frac{3}{8}$	4	$6\frac{5}{8}$	14	$9\frac{1}{8}$
3	10	12	6	4	$2\frac{3}{8}$	13	$7\frac{3}{4}$	4	$6\frac{3}{4}$	14	$9\frac{1}{2}$
3	$10\frac{1}{8}$	12	$6\frac{3}{8}$	4	$2\frac{1}{2}$	13	$8\frac{1}{8}$	4	$6\frac{7}{8}$	14	$9\frac{7}{8}$
3	$10\frac{1}{4}$	12	$6\frac{3}{4}$-$\frac{1}{16}$	4	$2\frac{5}{8}$	13	$8\frac{1}{2}$	4	7	14	$10\frac{1}{4}$
3	$10\frac{3}{8}$	12	$7\frac{1}{8}$-$\frac{1}{16}$	4	$2\frac{3}{4}$	13	$8\frac{7}{8}$	4	$7\frac{1}{8}$	14	$10\frac{5}{8}$-$\frac{1}{16}$
3	$10\frac{1}{2}$	12	$7\frac{1}{2}$-$\frac{1}{16}$	4	$2\frac{7}{8}$	13	$9\frac{1}{4}$-$\frac{1}{16}$	4	$7\frac{1}{4}$	14	$11\frac{1}{8}$
3	$10\frac{5}{8}$	12	8	4	3	13	$9\frac{5}{8}$-$\frac{1}{16}$	4	$7\frac{3}{8}$	14	$11\frac{1}{2}$
3	$10\frac{3}{4}$	12	$8\frac{3}{8}$	4	$3\frac{1}{8}$	13	10-$\frac{1}{16}$	4	$7\frac{1}{2}$	14	$11\frac{7}{8}$
3	$10\frac{7}{8}$	12	$8\frac{3}{4}$-$\frac{1}{16}$	4	$3\frac{1}{4}$	13	$10\frac{1}{2}$	4	$7\frac{5}{8}$	15	$0\frac{1}{4}$
3	11	12	$9\frac{1}{8}$-$\frac{1}{16}$	4	$3\frac{3}{8}$	13	$10\frac{7}{8}$	4	$7\frac{3}{4}$	15	$0\frac{5}{8}$
3	$11\frac{1}{8}$	12	$9\frac{1}{2}$-$\frac{1}{16}$	4	$3\frac{1}{2}$	13	$11\frac{1}{4}$-$\frac{1}{16}$	4	$7\frac{7}{8}$	15	1
3	$11\frac{1}{4}$	12	$9\frac{7}{8}$-$\frac{1}{16}$	4	$3\frac{5}{8}$	13	$11\frac{5}{8}$-$\frac{1}{16}$	4	8	15	$1\frac{3}{8}$
3	$11\frac{3}{8}$	12	$10\frac{1}{4}$-$\frac{1}{16}$	4	$3\frac{3}{4}$	14	$0\frac{1}{16}$	4	$8\frac{1}{8}$	15	$1\frac{3}{4}$-$\frac{1}{16}$
3	$11\frac{1}{2}$	12	$10\frac{5}{8}$-$\frac{1}{16}$	4	$3\frac{7}{8}$	14	$0\frac{1}{2}$	4	$8\frac{1}{4}$	15	$2\frac{1}{8}$-$\frac{1}{16}$
3	$11\frac{5}{8}$	12	$11\frac{1}{16}$	4	4	14	$0\frac{7}{8}$	4	$8\frac{3}{8}$	15	$2\frac{1}{2}$-$\frac{1}{16}$
3	$11\frac{3}{4}$	12	$11\frac{1}{2}$	4	$4\frac{1}{8}$	14	$1\frac{1}{4}$	4	$8\frac{1}{2}$	15	3
3	$11\frac{7}{8}$	12	$11\frac{7}{8}$	4	$4\frac{1}{4}$	14	$1\frac{5}{8}$	4	$8\frac{5}{8}$	15	$3\frac{3}{8}$
4	0	13	$0\frac{1}{4}$-$\frac{1}{16}$	4	$4\frac{3}{8}$	14	2	4	$8\frac{3}{4}$	15	$3\frac{3}{4}$-$\frac{1}{16}$
4	$0\frac{1}{8}$	13	$0\frac{3}{8}$-$\frac{1}{16}$	4	$4\frac{1}{2}$	14	$2\frac{3}{8}$	4	$8\frac{7}{8}$	15	$4\frac{1}{8}$-$\frac{1}{16}$
4	$0\frac{1}{4}$	13	$1\frac{1}{16}$	4	$4\frac{5}{8}$	14	$2\frac{3}{4}$-$\frac{1}{16}$	4	9	15	$4\frac{1}{2}$-$\frac{1}{16}$
4	$0\frac{3}{8}$	13	$1\frac{1}{2}$	4	$4\frac{3}{4}$	14	$3\frac{1}{8}$-$\frac{1}{16}$	4	$9\frac{1}{8}$	15	5
4	$0\frac{1}{2}$	13	$1\frac{7}{8}$	4	$4\frac{7}{8}$	14	$3\frac{1}{2}$-$\frac{1}{16}$	4	$9\frac{1}{4}$	15	$5\frac{3}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{7}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
4	$9\frac{3}{8}$	15	$5\frac{3}{4}$	5	$1\frac{3}{4}$	16	$7\frac{1}{2}$	5	$6\frac{1}{8}$	17	$9\frac{1}{4}$
4	$9\frac{1}{2}$	15	$6\frac{1}{8}$	5	$1\frac{7}{8}$	16	$7\frac{7}{8}$	5	$6\frac{1}{4}$	17	$9\frac{5}{8}$
4	$9\frac{5}{8}$	15	$6\frac{1}{2}$	5	2	16	$8\frac{1}{4}$-$\frac{1}{16}$	5	$6\frac{3}{8}$	17	10
4	$9\frac{3}{4}$	15	$6\frac{7}{8}$	5	$2\frac{1}{8}$	16	$8\frac{5}{8}$-$\frac{1}{16}$	5	$6\frac{1}{2}$	17	$10\frac{3}{8}$
4	$9\frac{7}{8}$	15	$7\frac{1}{4}$-$\frac{1}{16}$	5	$2\frac{1}{4}$	16	$9\frac{1}{8}$	5	$6\frac{5}{8}$	17	$10\frac{3}{4}$-$\frac{1}{16}$
4	10	15	$7\frac{5}{8}$-$\frac{1}{16}$	5	$2\frac{3}{8}$	16	$9\frac{1}{2}$	5	$6\frac{3}{4}$	17	$11\frac{1}{8}$-$\frac{1}{16}$
4	$10\frac{1}{8}$	15	$8\frac{1}{8}$	5	$2\frac{1}{2}$	16	$9\frac{7}{8}$	5	$6\frac{7}{8}$	17	$11\frac{1}{2}$-$\frac{1}{16}$
4	$10\frac{1}{4}$	15	$8\frac{1}{2}$	5	$2\frac{5}{8}$	16	$10\frac{1}{4}$	5	7	18	0
4	$10\frac{3}{8}$	15	$8\frac{7}{8}$	5	$2\frac{3}{4}$	16	$10\frac{5}{8}$	5	$7\frac{1}{8}$	18	$0\frac{3}{8}$
4	$10\frac{1}{2}$	15	$9\frac{1}{4}$-$\frac{1}{16}$	5	$2\frac{7}{8}$	16	11	5	$7\frac{1}{4}$	18	$0\frac{3}{4}$-$\frac{1}{16}$
4	$10\frac{5}{8}$	15	$9\frac{5}{8}$-$\frac{1}{16}$	5	3	16	$11\frac{3}{8}$	5	$7\frac{3}{8}$	18	$1\frac{1}{8}$-$\frac{1}{16}$
4	$10\frac{3}{4}$	15	$10\frac{1}{16}$	5	$3\frac{1}{8}$	16	$11\frac{3}{4}$-$\frac{1}{16}$	5	$7\frac{1}{2}$	18	$1\frac{1}{2}$-$\frac{1}{16}$
4	$10\frac{7}{8}$	15	$10\frac{1}{2}$	5	$3\frac{1}{4}$	17	$0\frac{1}{8}$-$\frac{1}{16}$	5	$7\frac{5}{8}$	18	$1\frac{7}{8}$-$\frac{1}{16}$
4	11	15	$10\frac{7}{8}$	5	$3\frac{3}{8}$	17	$0\frac{1}{2}$-$\frac{1}{16}$	5	$7\frac{3}{4}$	18	$2\frac{1}{4}$-$\frac{1}{16}$
4	$11\frac{1}{8}$	15	$11\frac{1}{4}$	5	$3\frac{1}{2}$	17	1	5	$7\frac{7}{8}$	18	$2\frac{5}{8}$-$\frac{1}{16}$
4	$11\frac{1}{4}$	15	$11\frac{5}{8}$	5	$3\frac{5}{8}$	17	$1\frac{3}{8}$	5	8	18	$3\frac{1}{8}$
4	$11\frac{3}{8}$	16	0	5	$3\frac{3}{4}$	17	$1\frac{3}{4}$-$\frac{1}{16}$	5	$8\frac{1}{8}$	18	$3\frac{1}{2}$
4	$11\frac{1}{2}$	16	$0\frac{3}{8}$	5	$3\frac{7}{8}$	17	$2\frac{1}{8}$-$\frac{1}{16}$	5	$8\frac{1}{4}$	18	$3\frac{7}{8}$
4	$11\frac{5}{8}$	16	$0\frac{3}{4}$-$\frac{1}{16}$	5	4	17	$2\frac{1}{2}$-$\frac{1}{16}$	5	$8\frac{3}{8}$	18	$4\frac{1}{4}$-$\frac{1}{16}$
4	$11\frac{3}{4}$	16	$1\frac{1}{8}$-$\frac{1}{16}$	5	$4\frac{1}{8}$	17	3	5	$8\frac{1}{2}$	18	$4\frac{5}{8}$-$\frac{1}{16}$
4	$11\frac{7}{8}$	16	$1\frac{1}{2}$-$\frac{1}{16}$	5	$4\frac{1}{4}$	17	$3\frac{3}{8}$	5	$8\frac{5}{8}$	18	$5\frac{1}{8}$-$\frac{1}{16}$
5	0	16	2	5	$4\frac{3}{8}$	17	$3\frac{3}{4}$	5	$8\frac{3}{4}$	18	$5\frac{1}{2}$
5	$0\frac{1}{8}$	16	$2\frac{3}{8}$	5	$4\frac{1}{2}$	17	$4\frac{1}{8}$	5	$8\frac{7}{8}$	18	$5\frac{7}{8}$
5	$0\frac{1}{4}$	16	$2\frac{3}{4}$-$\frac{1}{16}$	5	$4\frac{5}{8}$	17	$4\frac{1}{2}$	5	9	18	$6\frac{1}{4}$-$\frac{1}{16}$
5	$0\frac{3}{8}$	16	$3\frac{1}{8}$-$\frac{1}{16}$	5	$4\frac{3}{4}$	17	$4\frac{7}{8}$	5	$9\frac{1}{8}$	18	$6\frac{5}{8}$-$\frac{1}{16}$
5	$0\frac{1}{2}$	16	$3\frac{1}{2}$-$\frac{1}{16}$	5	$4\frac{7}{8}$	17	$5\frac{1}{4}$	5	$9\frac{1}{4}$	18	$7\frac{1}{16}$
5	$0\frac{5}{8}$	16	4	5	5	17	$5\frac{5}{8}$-$\frac{1}{16}$	5	$9\frac{3}{8}$	18	$7\frac{3}{8}$-$\frac{1}{16}$
5	$0\frac{3}{4}$	16	$4\frac{3}{8}$	5	$5\frac{1}{8}$	17	$6\frac{1}{8}$	5	$9\frac{1}{2}$	18	$7\frac{3}{4}$-$\frac{1}{16}$
5	$0\frac{7}{8}$	16	$4\frac{3}{4}$	5	$5\frac{1}{4}$	17	$6\frac{1}{2}$	5	$9\frac{5}{8}$	18	$8\frac{1}{8}$-$\frac{1}{16}$
5	1	16	$5\frac{1}{8}$	5	$5\frac{3}{8}$	17	$6\frac{7}{8}$	5	$9\frac{3}{4}$	18	$8\frac{1}{2}$-$\frac{1}{16}$
5	$1\frac{1}{8}$	16	$5\frac{1}{2}$	5	$5\frac{1}{2}$	17	$7\frac{1}{4}$	5	$9\frac{7}{8}$	18	9
5	$1\frac{1}{4}$	16	$5\frac{7}{8}$	5	$5\frac{5}{8}$	17	$7\frac{5}{8}$-$\frac{1}{16}$	5	10	18	$9\frac{3}{8}$
5	$1\frac{3}{8}$	16	$6\frac{1}{4}$-$\frac{1}{16}$	5	$5\frac{3}{4}$	17	$8\frac{1}{8}$	5	$10\frac{1}{8}$	18	$9\frac{3}{4}$-$\frac{1}{16}$
5	$1\frac{1}{2}$	16	$6\frac{5}{8}$-$\frac{1}{16}$	5	$5\frac{7}{8}$	17	$8\frac{1}{2}$	5	$10\frac{1}{4}$	18	$10\frac{1}{8}$-$\frac{1}{16}$
5	$1\frac{5}{8}$	16	$7\frac{1}{8}$	5	6	17	$8\frac{7}{8}$	5	$10\frac{3}{8}$	18	$10\frac{1}{2}$-$\frac{1}{16}$

Diagonal Measurement at the Root, $\frac{7}{8}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
5	$10\frac{1}{2}$	18	11	6	$2\frac{7}{8}$	20	$0\frac{5}{8}-\frac{1}{16}$	6	$7\frac{1}{4}$	21	$2\frac{1}{2}$
5	$10\frac{5}{8}$	18	$11\frac{3}{8}$	6	3	20	$1\frac{1}{8}$	6	$7\frac{3}{8}$	21	$2\frac{7}{8}$
5	$10\frac{3}{4}$	18	$11\frac{3}{4}-\frac{1}{16}$	6	$3\frac{1}{8}$	20	$1\frac{1}{2}$	6	$7\frac{1}{2}$	21	$3\frac{1}{4}$
5	$10\frac{7}{8}$	19	$0\frac{1}{8}-\frac{1}{16}$	6	$3\frac{1}{4}$	20	$1\frac{7}{8}$	6	$7\frac{5}{8}$	21	$3\frac{3}{8}$
5	11	19	$0\frac{1}{2}-\frac{1}{16}$	6	$3\frac{3}{8}$	20	$2\frac{1}{4}-\frac{1}{16}$	6	$7\frac{3}{4}$	21	4
5	$11\frac{1}{8}$	19	$0\frac{7}{8}-\frac{1}{16}$	6	$3\frac{1}{2}$	20	$2\frac{5}{8}-\frac{1}{16}$	6	$7\frac{7}{8}$	21	$4\frac{3}{8}$
5	$11\frac{1}{4}$	19	$1\frac{1}{4}-\frac{1}{16}$	6	$3\frac{5}{8}$	20	$3\frac{1}{8}$	6	8	21	$4\frac{3}{4}-\frac{1}{16}$
5	$11\frac{3}{8}$	19	$1\frac{5}{8}-\frac{1}{16}$	6	$3\frac{3}{4}$	20	$3\frac{1}{2}$	6	$8\frac{1}{8}$	21	$5\frac{1}{8}-\frac{1}{16}$
5	$11\frac{1}{2}$	19	$2\frac{1}{8}$	6	$3\frac{7}{8}$	20	$3\frac{7}{8}$	6	$8\frac{1}{4}$	21	$5\frac{1}{2}-\frac{1}{16}$
5	$11\frac{5}{8}$	19	$2\frac{1}{2}$	6	4	20	$4\frac{1}{4}-\frac{1}{16}$	6	$8\frac{3}{8}$	21	6
5	$11\frac{3}{4}$	19	$2\frac{7}{8}$	6	$4\frac{1}{8}$	20	$4\frac{5}{8}-\frac{1}{16}$	6	$8\frac{1}{2}$	21	$6\frac{3}{8}$
5	$11\frac{7}{8}$	19	$3\frac{1}{4}-\frac{1}{16}$	6	$4\frac{1}{4}$	20	$5\frac{1}{16}$	6	$8\frac{5}{8}$	21	$6\frac{3}{4}-\frac{1}{16}$
6	0	19	$3\frac{5}{8}-\frac{1}{16}$	6	$4\frac{3}{8}$	20	$5\frac{3}{8}-\frac{1}{16}$	6	$8\frac{3}{4}$	21	$7\frac{1}{8}-\frac{1}{16}$
6	$0\frac{1}{8}$	19	$4\frac{1}{8}$	6	$4\frac{1}{2}$	20	$5\frac{3}{4}-\frac{1}{16}$	6	$8\frac{7}{8}$	21	$7\frac{1}{2}-\frac{1}{16}$
6	$0\frac{1}{4}$	19	$4\frac{1}{2}$	6	$4\frac{5}{8}$	20	$6\frac{1}{8}-\frac{1}{16}$	6	9	21	8
6	$0\frac{3}{8}$	19	$4\frac{7}{8}$	6	$4\frac{3}{4}$	20	$6\frac{1}{2}-\frac{1}{16}$	6	$9\frac{1}{8}$	21	$8\frac{3}{8}$
6	$0\frac{1}{2}$	19	$5\frac{1}{4}-\frac{1}{16}$	6	$4\frac{7}{8}$	20	7	6	$9\frac{1}{4}$	21	$8\frac{3}{4}$
6	$0\frac{5}{8}$	19	$5\frac{5}{8}-\frac{1}{16}$	6	5	20	$7\frac{3}{8}$	6	$9\frac{3}{8}$	21	$9\frac{1}{8}$
6	$0\frac{3}{4}$	19	$6\frac{1}{16}$	6	$5\frac{1}{8}$	20	$7\frac{3}{4}-\frac{1}{16}$	6	$9\frac{1}{2}$	21	$9\frac{1}{2}$
6	$0\frac{7}{8}$	19	$6\frac{3}{8}-\frac{1}{16}$	6	$5\frac{1}{4}$	20	$8\frac{1}{8}-\frac{1}{16}$	6	$9\frac{5}{8}$	21	$9\frac{7}{8}$
6	1	19	$6\frac{3}{4}-\frac{1}{16}$	6	$5\frac{3}{8}$	20	$8\frac{1}{2}-\frac{1}{16}$	6	$9\frac{3}{4}$	21	$10\frac{1}{4}-\frac{1}{16}$
6	$1\frac{1}{8}$	19	$7\frac{1}{8}-\frac{1}{16}$	6	$5\frac{1}{2}$	20	9	6	$9\frac{7}{8}$	21	$10\frac{5}{8}-\frac{1}{16}$
6	$1\frac{1}{4}$	19	$7\frac{1}{2}-\frac{1}{16}$	6	$5\frac{5}{8}$	20	$9\frac{3}{8}$	6	10	21	$11\frac{1}{8}$
6	$1\frac{3}{8}$	19	8	6	$5\frac{3}{4}$	20	$9\frac{3}{4}$	6	$10\frac{1}{4}$	21	$11\frac{1}{2}$
6	$1\frac{1}{2}$	19	$8\frac{3}{8}$	6	$5\frac{7}{8}$	20	$10\frac{1}{8}$	6	$10\frac{1}{4}$	21	$11\frac{7}{8}$
6	$1\frac{5}{8}$	19	$8\frac{3}{4}-\frac{1}{16}$	6	6	20	$10\frac{1}{2}$	6	$10\frac{3}{8}$	22	$0\frac{1}{4}-\frac{1}{16}$
6	$1\frac{3}{4}$	19	$9\frac{1}{8}-\frac{1}{16}$	6	$6\frac{1}{8}$	20	$10\frac{7}{8}$	6	$10\frac{1}{2}$	22	$0\frac{5}{8}-\frac{1}{16}$
6	$1\frac{7}{8}$	19	$9\frac{1}{2}-\frac{1}{16}$	6	$6\frac{1}{4}$	20	$11\frac{1}{4}-\frac{1}{16}$	6	$10\frac{5}{8}$	22	$1\frac{1}{8}$
6	2	19	10	6	$6\frac{3}{8}$	20	$11\frac{5}{8}-\frac{1}{16}$	6	$10\frac{3}{4}$	22	$1\frac{1}{2}$
6	$2\frac{1}{8}$	19	$10\frac{3}{8}$	6	$6\frac{1}{2}$	21	$0\frac{1}{8}$	6	$10\frac{7}{8}$	22	$1\frac{7}{8}$
6	$2\frac{1}{4}$	19	$10\frac{3}{4}-\frac{1}{16}$	6	$6\frac{5}{8}$	21	$0\frac{1}{2}$	6	11	22	$2\frac{1}{4}$
6	$2\frac{3}{8}$	19	$11\frac{1}{8}-\frac{1}{16}$	6	$6\frac{3}{4}$	21	$0\frac{7}{8}$	6	$11\frac{1}{8}$	22	$2\frac{5}{8}$
6	$2\frac{1}{2}$	19	$11\frac{1}{2}-\frac{1}{16}$	6	$6\frac{7}{8}$	21	$1\frac{1}{4}-\frac{1}{16}$	6	$11\frac{1}{4}$	22	3
6	$2\frac{5}{8}$	19	$11\frac{7}{8}-\frac{1}{16}$	6	7	21	$1\frac{5}{8}-\frac{1}{16}$	6	$11\frac{3}{8}$	22	$3\frac{3}{8}$
6	$2\frac{3}{4}$	20	$0\frac{1}{4}-\frac{1}{16}$	6	$7\frac{1}{8}$	21	$2\frac{1}{8}$	6	$11\frac{1}{2}$	22	$3\frac{3}{4}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{7}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
6	$11\frac{5}{8}$	22	$4\frac{1}{8}-\frac{1}{16}$	7	4	23	6	7	$8\frac{3}{8}$	24	$7\frac{5}{8}-\frac{1}{16}$
6	$11\frac{3}{4}$	22	$4\frac{1}{2}-\frac{1}{16}$	7	$4\frac{1}{8}$	23	$6\frac{3}{8}$	7	$8\frac{1}{2}$	24	$8\frac{1}{8}$
6	$11\frac{7}{8}$	22	5	7	$4\frac{1}{4}$	23	$6\frac{3}{4}$	7	$8\frac{5}{8}$	24	$8\frac{1}{2}$
7	0	22	$5\frac{3}{8}$	7	$4\frac{3}{8}$	23	$7\frac{1}{8}$	7	$8\frac{3}{4}$	24	$8\frac{7}{8}$
7	$0\frac{1}{8}$	22	$5\frac{3}{4}-\frac{1}{16}$	7	$4\frac{1}{2}$	23	$7\frac{1}{2}$	7	$8\frac{7}{8}$	24	$9\frac{1}{4}-\frac{1}{16}$
7	$0\frac{1}{4}$	22	$6\frac{1}{8}-\frac{1}{16}$	7	$4\frac{5}{8}$	23	$7\frac{7}{8}$	7	9	24	$9\frac{5}{8}-\frac{1}{16}$
7	$0\frac{3}{8}$	22	$6\frac{1}{2}-\frac{1}{16}$	7	$4\frac{3}{4}$	23	$8\frac{1}{4}-\frac{1}{16}$	7	$9\frac{1}{8}$	24	$10\frac{1}{16}$
7	$0\frac{1}{2}$	22	7	7	$4\frac{7}{8}$	23	$8\frac{5}{8}-\frac{1}{16}$	7	$9\frac{1}{4}$	24	$10\frac{3}{8}-\frac{1}{16}$
7	$0\frac{5}{8}$	22	$7\frac{3}{8}$	7	5	23	$9\frac{1}{16}$	7	$9\frac{3}{8}$	24	$10\frac{3}{4}-\frac{1}{16}$
7	$0\frac{3}{4}$	22	$7\frac{3}{4}$	7	$5\frac{1}{8}$	23	$9\frac{1}{2}$	7	$9\frac{1}{2}$	24	$11\frac{1}{8}-\frac{1}{16}$
7	$0\frac{7}{8}$	22	$8\frac{1}{8}$	7	$5\frac{1}{4}$	23	$9\frac{7}{8}$	7	$9\frac{5}{8}$	24	$11\frac{1}{2}-\frac{1}{16}$
7	1	22	$8\frac{1}{2}$	7	$5\frac{3}{8}$	23	$10\frac{1}{4}-\frac{1}{16}$	7	$9\frac{3}{4}$	25	0
7	$1\frac{1}{8}$	22	$8\frac{7}{8}$	7	$5\frac{1}{2}$	23	$10\frac{5}{8}-\frac{1}{16}$	7	$9\frac{7}{8}$	25	$0\frac{3}{8}$
7	$1\frac{1}{4}$	22	$9\frac{1}{4}-\frac{1}{16}$	7	$5\frac{5}{8}$	23	$11\frac{1}{16}$	7	10	25	$0\frac{3}{4}-\frac{1}{16}$
7	$1\frac{3}{8}$	22	$9\frac{5}{8}-\frac{1}{16}$	7	$5\frac{3}{4}$	23	$11\frac{3}{8}-\frac{1}{16}$	7	$10\frac{1}{8}$	25	$1\frac{1}{8}-\frac{1}{16}$
7	$1\frac{1}{2}$	22	$10\frac{1}{8}$	7	$5\frac{7}{8}$	23	$11\frac{3}{4}-\frac{1}{16}$	7	$10\frac{1}{4}$	25	$1\frac{1}{2}-\frac{1}{16}$
7	$1\frac{5}{8}$	22	$10\frac{1}{2}$	7	6	24	$0\frac{1}{8}-\frac{1}{16}$	7	$10\frac{3}{8}$	25	2
7	$1\frac{3}{4}$	22	$10\frac{7}{8}$	7	$6\frac{1}{8}$	24	$0\frac{1}{2}-\frac{1}{16}$	7	$10\frac{1}{2}$	25	$2\frac{3}{8}$
7	$1\frac{7}{8}$	22	$11\frac{1}{4}-\frac{1}{16}$	7	$6\frac{1}{4}$	24	1	7	$10\frac{5}{8}$	25	$2\frac{3}{4}-\frac{1}{16}$
7	2	22	$11\frac{5}{8}-\frac{1}{16}$	7	$6\frac{3}{8}$	24	$1\frac{3}{8}$	7	$10\frac{3}{4}$	25	$3\frac{1}{8}-\frac{1}{16}$
7	$2\frac{1}{8}$	23	$0\frac{1}{8}$	7	$6\frac{1}{2}$	24	$1\frac{3}{4}-\frac{1}{16}$	7	$10\frac{7}{8}$	25	$3\frac{1}{2}-\frac{1}{16}$
7	$2\frac{1}{4}$	23	$0\frac{1}{2}$	7	$6\frac{5}{8}$	24	$2\frac{1}{8}-\frac{1}{16}$	7	11	25	$3\frac{7}{8}-\frac{1}{16}$
7	$2\frac{3}{8}$	23	$0\frac{7}{8}$	7	$6\frac{3}{4}$	24	$2\frac{1}{2}-\frac{1}{16}$	7	$11\frac{1}{8}$	25	$4\frac{1}{4}-\frac{1}{16}$
7	$2\frac{1}{2}$	23	$1\frac{1}{4}$	7	$6\frac{7}{8}$	24	3	7	$11\frac{1}{4}$	25	$4\frac{5}{8}-\frac{1}{16}$
7	$2\frac{5}{8}$	23	$1\frac{5}{8}$	7	7	24	$3\frac{3}{8}$	7	$11\frac{3}{8}$	25	$5\frac{1}{8}$
7	$2\frac{3}{4}$	23	2	7	$7\frac{1}{8}$	24	$3\frac{3}{4}-\frac{1}{16}$	7	$11\frac{1}{2}$	25	$5\frac{1}{2}$
7	$2\frac{7}{8}$	23	$2\frac{3}{8}$	7	$7\frac{1}{4}$	24	$4\frac{1}{8}-\frac{1}{16}$	7	$11\frac{5}{8}$	25	$5\frac{7}{8}$
7	3	23	$2\frac{3}{4}-\frac{1}{16}$	7	$7\frac{3}{8}$	24	$4\frac{1}{2}-\frac{1}{16}$	7	$11\frac{3}{4}$	25	$6\frac{1}{4}-\frac{1}{16}$
7	$3\frac{1}{8}$	23	$3\frac{1}{8}-\frac{1}{16}$	7	$7\frac{1}{2}$	24	5	7	$11\frac{7}{8}$	25	$6\frac{5}{8}-\frac{1}{16}$
7	$3\frac{1}{4}$	23	$3\frac{1}{2}-\frac{1}{16}$	7	$7\frac{5}{8}$	24	$5\frac{3}{8}$	8	0	25	$7\frac{1}{8}$
7	$3\frac{3}{8}$	23	4	7	$7\frac{3}{4}$	24	$5\frac{3}{4}$	8	$0\frac{1}{8}$	25	$7\frac{1}{2}$
7	$3\frac{1}{2}$	23	$4\frac{3}{8}$	7	$7\frac{7}{8}$	24	$6\frac{1}{8}$	8	$0\frac{1}{4}$	25	$7\frac{7}{8}$
7	$3\frac{5}{8}$	23	$4\frac{3}{4}-\frac{1}{16}$	7	8	24	$6\frac{1}{2}$	8	$0\frac{3}{8}$	25	$8\frac{1}{4}-\frac{1}{16}$
7	$3\frac{3}{4}$	23	$5\frac{1}{8}-\frac{1}{16}$	7	$8\frac{1}{8}$	24	$6\frac{7}{8}$	8	$0\frac{1}{2}$	25	$8\frac{5}{8}-\frac{1}{16}$
7	$3\frac{7}{8}$	23	$5\frac{1}{2}-\frac{1}{16}$	7	$8\frac{1}{4}$	24	$7\frac{1}{4}-\frac{1}{16}$	8	$0\frac{5}{8}$	25	$9\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{17}{18}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
8	$0\frac{3}{4}$	25	$9\frac{3}{4}-\frac{1}{16}$	8	$5\frac{1}{8}$	26	$11\frac{1}{8}-\frac{1}{16}$	8	$9\frac{1}{2}$	28	$0\frac{7}{8}$
8	$0\frac{7}{8}$	25	$9\frac{3}{4}-\frac{1}{16}$	8	$5\frac{1}{4}$	26	$11\frac{1}{2}-\frac{1}{16}$	8	$9\frac{5}{8}$	28	$1\frac{1}{4}-\frac{1}{16}$
8	1	25	$10\frac{1}{8}-\frac{1}{16}$	8	$5\frac{3}{8}$	26	$11\frac{7}{8}-\frac{1}{16}$	8	$9\frac{3}{4}$	28	$1\frac{5}{8}-\frac{1}{16}$
8	$1\frac{1}{8}$	25	$10\frac{1}{2}-\frac{1}{16}$	8	$5\frac{1}{2}$	27	$0\frac{1}{4}-\frac{1}{16}$	8	$9\frac{7}{8}$	28	$2\frac{1}{16}$
8	$1\frac{1}{4}$	25	11	8	$5\frac{5}{8}$	27	$0\frac{5}{8}-\frac{1}{16}$	8	10	28	$2\frac{1}{2}$
8	$1\frac{3}{8}$	25	$11\frac{3}{8}$	8	$5\frac{3}{4}$	27	$1\frac{1}{16}$	8	$10\frac{1}{8}$	28	$2\frac{7}{8}$
8	$1\frac{1}{2}$	25	$11\frac{3}{4}-\frac{1}{16}$	8	$5\frac{7}{8}$	27	$1\frac{1}{2}$	8	$10\frac{1}{4}$	28	$3\frac{1}{4}$
8	$1\frac{5}{8}$	26	$0\frac{1}{8}-\frac{1}{16}$	8	6	27	$1\frac{7}{8}-\frac{1}{16}$	8	$10\frac{3}{8}$	28	$3\frac{5}{8}$
8	$1\frac{3}{4}$	26	$0\frac{1}{2}-\frac{1}{16}$	8	$6\frac{1}{8}$	27	$2\frac{1}{4}-\frac{1}{16}$	8	$10\frac{1}{2}$	28	4
8	$1\frac{7}{8}$	26	1	8	$6\frac{1}{4}$	27	$2\frac{5}{8}-\frac{1}{16}$	8	$10\frac{5}{8}$	28	$4\frac{3}{8}-\frac{1}{16}$
8	2	26	$1\frac{3}{8}$	8	$6\frac{3}{8}$	27	$3\frac{1}{16}$	8	$10\frac{3}{4}$	28	$4\frac{7}{8}$
8	$2\frac{1}{8}$	26	$1\frac{3}{4}-\frac{1}{16}$	8	$6\frac{1}{2}$	27	$3\frac{1}{2}$	8	$10\frac{7}{8}$	28	$5\frac{1}{4}$
8	$2\frac{1}{4}$	26	$2\frac{1}{8}-\frac{1}{16}$	8	$6\frac{5}{8}$	27	$3\frac{7}{8}$	8	11	28	$5\frac{5}{8}$
8	$2\frac{3}{8}$	26	$2\frac{1}{2}-\frac{1}{16}$	8	$6\frac{3}{4}$	27	$4\frac{1}{4}$	8	$11\frac{1}{8}$	28	6
8	$2\frac{1}{2}$	26	$2\frac{7}{8}-\frac{1}{16}$	8	$6\frac{7}{8}$	27	$4\frac{5}{8}-\frac{1}{16}$	8	$11\frac{1}{4}$	28	$6\frac{3}{8}$
8	$2\frac{5}{8}$	26	$3\frac{1}{4}-\frac{1}{16}$	8	7	27	$5\frac{1}{16}$	8	$11\frac{3}{8}$	28	$6\frac{3}{4}-\frac{1}{16}$
8	$2\frac{3}{4}$	26	$3\frac{5}{8}-\frac{1}{16}$	8	$7\frac{1}{8}$	27	$5\frac{3}{8}-\frac{1}{16}$	8	$11\frac{1}{2}$	28	$7\frac{1}{8}-\frac{1}{16}$
8	$2\frac{7}{8}$	26	$4\frac{1}{8}$	8	$7\frac{1}{4}$	27	$5\frac{3}{4}-\frac{1}{16}$	8	$11\frac{5}{8}$	28	$7\frac{1}{2}-\frac{1}{16}$
8	3	26	$4\frac{1}{2}$	8	$7\frac{3}{8}$	27	$6\frac{1}{4}$	8	$11\frac{3}{4}$	28	8
8	$3\frac{1}{8}$	26	$4\frac{7}{8}$	8	$7\frac{1}{2}$	27	$6\frac{5}{8}$	8	$11\frac{7}{8}$	28	$8\frac{3}{8}$
8	$3\frac{1}{4}$	26	$5\frac{1}{4}-\frac{1}{16}$	8	$7\frac{5}{8}$	27	7	9	0	28	$8\frac{3}{4}$
8	$3\frac{3}{8}$	26	$5\frac{5}{8}-\frac{1}{16}$	8	$7\frac{3}{4}$	27	$7\frac{3}{8}-\frac{1}{16}$	9	$0\frac{1}{8}$	28	$9\frac{1}{8}$
8	$3\frac{1}{2}$	26	$6\frac{1}{16}$	8	$7\frac{7}{8}$	27	$7\frac{3}{4}-\frac{1}{16}$	9	$0\frac{1}{4}$	28	$9\frac{1}{2}$
8	$3\frac{5}{8}$	26	$6\frac{3}{8}-\frac{1}{16}$	8	8	27	$8\frac{1}{8}-\frac{1}{16}$	9	$0\frac{3}{8}$	28	$9\frac{7}{8}-\frac{1}{16}$
8	$3\frac{3}{4}$	26	$6\frac{3}{4}-\frac{1}{16}$	8	$8\frac{1}{8}$	27	$8\frac{1}{2}-\frac{1}{16}$	9	$0\frac{1}{2}$	28	$10\frac{1}{4}-\frac{1}{16}$
8	$3\frac{7}{8}$	26	$7\frac{1}{4}$	8	$8\frac{1}{4}$	27	9	9	$0\frac{5}{8}$	28	$10\frac{3}{4}$
8	4	26	$7\frac{5}{8}$	8	$8\frac{3}{8}$	27	$9\frac{3}{8}$	9	$0\frac{3}{4}$	28	$11\frac{1}{8}$
8	$4\frac{1}{8}$	26	8	8	$8\frac{1}{2}$	27	$9\frac{3}{4}$	9	$0\frac{7}{8}$	28	$11\frac{1}{2}$
8	$4\frac{1}{4}$	26	$8\frac{3}{8}-\frac{1}{16}$	8	$8\frac{5}{8}$	27	$10\frac{1}{8}$	9	1	28	$11\frac{7}{8}$
8	$4\frac{3}{8}$	26	$8\frac{3}{4}-\frac{1}{16}$	8	$8\frac{3}{4}$	27	$10\frac{1}{2}$	9	$1\frac{1}{8}$	29	$0\frac{1}{4}-\frac{1}{16}$
8	$4\frac{1}{2}$	26	$9\frac{1}{8}-\frac{1}{16}$	8	$8\frac{7}{8}$	27	$10\frac{7}{8}-\frac{1}{16}$	9	$1\frac{1}{4}$	29	$0\frac{5}{8}-\frac{1}{16}$
8	$4\frac{5}{8}$	26	$9\frac{1}{2}-\frac{1}{16}$	8	9	27	$11\frac{1}{4}-\frac{1}{16}$	9	$1\frac{3}{8}$	29	$1\frac{1}{16}$
8	$4\frac{3}{4}$	26	10	8	$9\frac{1}{8}$	27	$11\frac{3}{4}$	9	$1\frac{1}{2}$	29	$1\frac{1}{2}$
8	$4\frac{7}{8}$	26	$10\frac{3}{8}$	8	$9\frac{1}{4}$	28	$0\frac{1}{8}$	9	$1\frac{5}{8}$	29	$1\frac{7}{8}$
8	5	26	$10\frac{3}{4}$	8	$9\frac{3}{8}$	28	$0\frac{1}{2}$	9	$1\frac{3}{4}$	29	$2\frac{1}{4}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{7}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
9	$1\frac{7}{8}$	29	$2\frac{5}{8}$	9	$6\frac{1}{4}$	30	$4\frac{3}{8}$	9	$10\frac{5}{8}$	31	$6\frac{1}{8}$
9	2	29	3	9	$6\frac{3}{8}$	30	$4\frac{3}{4}$	9	$10\frac{3}{4}$	31	$6\frac{1}{2}$
9	$2\frac{1}{8}$	29	$3\frac{3}{8}-\frac{1}{16}$	9	$6\frac{1}{2}$	30	$5\frac{1}{8}-\frac{1}{16}$	9	$10\frac{7}{8}$	31	$6\frac{7}{8}$
9	$2\frac{1}{4}$	29	$3\frac{3}{4}-\frac{1}{16}$	9	$6\frac{5}{8}$	30	$5\frac{1}{2}-\frac{1}{16}$	9	11	31	$7\frac{1}{4}-\frac{1}{16}$
9	$2\frac{3}{8}$	29	$4\frac{1}{4}$	9	$6\frac{3}{4}$	30	6	9	$11\frac{1}{8}$	31	$7\frac{5}{8}-\frac{1}{16}$
9	$2\frac{1}{2}$	29	$4\frac{5}{8}$	9	$6\frac{7}{8}$	30	$6\frac{3}{8}$	9	$11\frac{1}{4}$	31	$8\frac{1}{8}$
9	$2\frac{5}{8}$	29	5	9	7	30	$6\frac{3}{4}$	9	$11\frac{3}{8}$	31	$8\frac{1}{2}$
9	$2\frac{3}{4}$	29	$5\frac{3}{8}$	9	$7\frac{1}{8}$	30	$7\frac{1}{8}$	9	$11\frac{1}{2}$	31	$8\frac{7}{8}$
9	$2\frac{7}{8}$	29	$5\frac{3}{4}-\frac{1}{16}$	9	$7\frac{1}{4}$	30	$7\frac{1}{2}$	9	$11\frac{5}{8}$	31	$9\frac{1}{4}$
9	3	29	$6\frac{1}{8}-\frac{1}{16}$	9	$7\frac{3}{8}$	30	$7\frac{7}{8}-\frac{1}{16}$	9	$11\frac{3}{4}$	31	$9\frac{5}{8}-\frac{1}{16}$
9	$3\frac{1}{8}$	29	$6\frac{1}{2}-\frac{1}{16}$	9	$7\frac{1}{2}$	30	$8\frac{1}{4}-\frac{1}{16}$	9	$11\frac{7}{8}$	31	$10\frac{1}{16}$
9	$3\frac{1}{4}$	29	7	9	$7\frac{5}{8}$	30	$8\frac{3}{4}$	10	0	31	$10\frac{3}{8}-\frac{1}{16}$
9	$3\frac{3}{8}$	29	$7\frac{3}{8}$	9	$7\frac{3}{4}$	30	$9\frac{1}{8}$	10	$0\frac{1}{8}$	31	$10\frac{7}{8}$
9	$3\frac{1}{2}$	29	$7\frac{3}{4}$	9	$7\frac{7}{8}$	30	$9\frac{1}{2}$	10	$0\frac{1}{4}$	31	$11\frac{1}{4}$
9	$3\frac{5}{8}$	29	$8\frac{1}{8}$	9	8	30	$9\frac{7}{8}$	10	$0\frac{3}{8}$	31	$11\frac{5}{8}$
9	$3\frac{3}{4}$	29	$8\frac{1}{2}-\frac{1}{16}$	9	$8\frac{1}{8}$	30	$10\frac{1}{4}$	10	$0\frac{1}{2}$	32	0
9	$3\frac{7}{8}$	29	$8\frac{7}{8}-\frac{1}{16}$	9	$8\frac{1}{4}$	30	$10\frac{5}{8}-\frac{1}{16}$	10	$0\frac{5}{8}$	32	$0\frac{3}{8}-\frac{1}{16}$
9	4	29	$9\frac{1}{4}-\frac{1}{16}$	9	$8\frac{3}{8}$	30	$11\frac{1}{16}$	10	$0\frac{3}{4}$	32	$0\frac{3}{4}-\frac{1}{16}$
9	$4\frac{1}{8}$	29	$9\frac{3}{4}$	9	$8\frac{1}{2}$	30	$11\frac{3}{8}-\frac{1}{16}$	10	$0\frac{7}{8}$	32	$1\frac{1}{8}-\frac{1}{16}$
9	$4\frac{1}{4}$	29	$10\frac{1}{8}$	9	$8\frac{5}{8}$	30	$11\frac{3}{4}-\frac{1}{16}$	10	1	32	$1\frac{5}{8}$
9	$4\frac{3}{8}$	29	$10\frac{1}{2}$	9	$8\frac{3}{4}$	31	$0\frac{1}{4}$	10	$1\frac{1}{8}$	32	2
9	$4\frac{1}{2}$	29	$10\frac{7}{8}$	9	$8\frac{7}{8}$	31	$0\frac{5}{8}$	10	$1\frac{1}{4}$	32	$2\frac{3}{8}$
9	$4\frac{5}{8}$	29	$11\frac{1}{4}-\frac{1}{16}$	9	9	31	1	10	$1\frac{3}{8}$	32	$2\frac{3}{4}-\frac{1}{16}$
9	$4\frac{3}{4}$	29	$11\frac{5}{8}-\frac{1}{16}$	9	$9\frac{1}{8}$	31	$1\frac{3}{8}-\frac{1}{16}$	10	$1\frac{1}{2}$	32	$3\frac{1}{8}-\frac{1}{16}$
9	$4\frac{7}{8}$	30	$0\frac{1}{16}$	9	$9\frac{1}{4}$	31	$1\frac{3}{4}-\frac{1}{16}$	10	$1\frac{5}{8}$	32	$3\frac{1}{2}-\frac{1}{16}$
9	5	30	$0\frac{3}{8}-\frac{1}{16}$	9	$9\frac{3}{8}$	31	$2\frac{1}{4}$	10	$1\frac{3}{4}$	32	$3\frac{7}{8}-\frac{1}{16}$
9	$5\frac{1}{8}$	30	$0\frac{7}{8}$	9	$9\frac{1}{2}$	31	$2\frac{5}{8}$	10	$1\frac{7}{8}$	32	$4\frac{3}{8}$
9	$5\frac{1}{4}$	30	$1\frac{1}{4}$	9	$9\frac{5}{8}$	31	3	10	2	32	$4\frac{3}{4}$
9	$5\frac{3}{8}$	30	$1\frac{5}{8}$	9	$9\frac{3}{4}$	31	$3\frac{3}{8}$	10	$2\frac{1}{8}$	32	$5\frac{1}{8}$
9	$5\frac{1}{2}$	30	2	9	$9\frac{7}{8}$	31	$3\frac{3}{4}$	10	$2\frac{1}{4}$	32	$5\frac{1}{2}$
9	$5\frac{5}{8}$	30	$2\frac{3}{8}-\frac{1}{16}$	9	10	31	$4\frac{1}{8}$	10	$2\frac{3}{8}$	32	$5\frac{7}{8}-\frac{1}{16}$
9	$5\frac{3}{4}$	30	$2\frac{3}{4}-\frac{1}{16}$	9	$10\frac{1}{8}$	31	$4\frac{1}{2}-\frac{1}{16}$	10	$2\frac{1}{2}$	32	$6\frac{1}{4}-\frac{1}{16}$
9	$5\frac{7}{8}$	30	$3\frac{1}{4}$	9	$10\frac{1}{4}$	31	5	10	$2\frac{5}{8}$	32	$6\frac{5}{8}-\frac{1}{16}$
9	6	30	$3\frac{5}{8}$	9	$10\frac{3}{8}$	31	$5\frac{3}{8}$	10	$2\frac{3}{4}$	32	$7\frac{1}{8}$
9	$6\frac{1}{8}$	30	4	9	$10\frac{1}{2}$	31	$5\frac{3}{4}$	10	$2\frac{7}{8}$	32	$7\frac{1}{2}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{7}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
10	3	32	$7\frac{7}{8}$	10	$7\frac{3}{8}$	33	$9\frac{5}{8}$	10	$11\frac{3}{4}$	34	$11\frac{3}{8}$
10	$3\frac{1}{8}$	32	$8\frac{1}{4}$	10	$7\frac{1}{2}$	33	10	10	$11\frac{7}{8}$	34	$11\frac{3}{4}$
10	$3\frac{1}{4}$	32	$8\frac{5}{8}-\frac{1}{16}$	10	$7\frac{5}{8}$	33	$10\frac{3}{8}-\frac{1}{16}$	11	0	35	$0\frac{1}{8}$
10	$3\frac{3}{8}$	32	$9\frac{1}{16}$	10	$7\frac{3}{4}$	33	$10\frac{3}{4}-\frac{1}{16}$	11	$0\frac{1}{8}$	35	$0\frac{1}{2}-\frac{1}{16}$
10	$3\frac{1}{2}$	32	$9\frac{3}{8}-\frac{1}{16}$	10	$7\frac{7}{8}$	33	$11\frac{1}{8}-\frac{1}{16}$	11	$0\frac{1}{4}$	35	$0\frac{7}{8}-\frac{1}{16}$
10	$3\frac{5}{8}$	32	$9\frac{3}{4}-\frac{1}{16}$	10	8	33	$11\frac{1}{2}-\frac{1}{16}$	11	$0\frac{3}{8}$	35	$1\frac{1}{4}-\frac{1}{16}$
10	$3\frac{3}{4}$	32	$10\frac{1}{4}$	10	$8\frac{1}{8}$	34	0	11	$0\frac{1}{2}$	35	$1\frac{3}{4}$
10	$3\frac{7}{8}$	32	$10\frac{5}{8}$	10	$8\frac{1}{4}$	34	$0\frac{3}{8}$	11	$0\frac{5}{8}$	35	$2\frac{1}{8}$
10	4	32	11	10	$8\frac{3}{8}$	34	$0\frac{3}{4}$	11	$0\frac{3}{4}$	35	$2\frac{1}{2}$
10	$4\frac{1}{8}$	32	$11\frac{3}{8}-\frac{1}{16}$	10	$8\frac{1}{2}$	34	$1\frac{1}{8}-\frac{1}{16}$	11	$0\frac{7}{8}$	35	$2\frac{7}{8}$
10	$4\frac{1}{4}$	32	$11\frac{3}{4}-\frac{1}{16}$	10	$8\frac{5}{8}$	34	$1\frac{1}{2}-\frac{1}{16}$	11	1	35	$3\frac{1}{4}-\frac{1}{16}$
10	$4\frac{3}{8}$	33	$0\frac{1}{4}$	10	$8\frac{3}{4}$	34	$1\frac{7}{8}-\frac{1}{16}$	11	$1\frac{1}{8}$	35	$3\frac{5}{8}-\frac{1}{16}$
10	$4\frac{1}{2}$	33	$0\frac{5}{8}$	10	$8\frac{7}{8}$	34	$2\frac{1}{4}-\frac{1}{16}$	11	$1\frac{1}{4}$	35	$4\frac{1}{16}$
10	$4\frac{5}{8}$	33	1	10	9	34	$2\frac{3}{4}$	11	$1\frac{3}{8}$	35	$4\frac{1}{2}$
10	$4\frac{3}{4}$	33	$1\frac{3}{8}$	10	$9\frac{1}{8}$	34	$3\frac{1}{8}$	11	$1\frac{1}{2}$	35	$4\frac{7}{8}$
10	$4\frac{7}{8}$	33	$1\frac{3}{4}$	10	$9\frac{1}{4}$	34	$3\frac{1}{2}$	11	$1\frac{5}{8}$	35	$5\frac{1}{4}$
10	5	33	$2\frac{1}{8}-\frac{1}{16}$	10	$9\frac{3}{8}$	34	$3\frac{7}{8}-\frac{1}{16}$	11	$1\frac{3}{4}$	35	$5\frac{5}{8}$
10	$5\frac{1}{8}$	33	$2\frac{1}{2}-\frac{1}{16}$	10	$9\frac{1}{2}$	34	$4\frac{1}{4}-\frac{1}{16}$	11	$1\frac{7}{8}$	35	$6\frac{1}{16}$
10	$5\frac{1}{4}$	33	3	10	$9\frac{5}{8}$	34	$4\frac{5}{8}-\frac{1}{16}$	11	2	35	$6\frac{3}{8}-\frac{1}{16}$
10	$5\frac{3}{8}$	33	$3\frac{3}{8}$	10	$9\frac{3}{4}$	34	$5\frac{1}{16}$	11	$2\frac{1}{8}$	35	$6\frac{3}{4}-\frac{1}{16}$
10	$5\frac{1}{2}$	33	$3\frac{3}{4}$	10	$9\frac{7}{8}$	34	$5\frac{1}{2}$	11	$2\frac{1}{4}$	35	$7\frac{1}{4}$
10	$5\frac{5}{8}$	33	$4\frac{1}{8}$	10	10	34	$5\frac{7}{8}$	11	$2\frac{3}{8}$	35	$7\frac{5}{8}$
10	$5\frac{3}{4}$	33	$4\frac{1}{2}$	10	$10\frac{1}{8}$	34	$6\frac{1}{4}$	11	$2\frac{1}{2}$	35	8
10	$5\frac{7}{8}$	33	$4\frac{7}{8}$	10	$10\frac{1}{4}$	34	$6\frac{5}{8}-\frac{1}{16}$	11	$2\frac{5}{8}$	35	$8\frac{3}{8}-\frac{1}{16}$
10	6	33	$5\frac{1}{4}-\frac{1}{16}$	10	$10\frac{3}{8}$	34	$7\frac{1}{16}$	11	$2\frac{3}{4}$	35	$8\frac{3}{4}-\frac{1}{16}$
10	$6\frac{1}{8}$	33	$5\frac{5}{8}-\frac{1}{16}$	10	$10\frac{1}{2}$	34	$7\frac{3}{8}-\frac{1}{16}$	11	$2\frac{7}{8}$	35	$9\frac{1}{8}-\frac{1}{16}$
10	$6\frac{1}{4}$	33	$6\frac{1}{16}$	10	$10\frac{5}{8}$	34	$7\frac{3}{4}-\frac{1}{16}$	11	3	35	$9\frac{1}{2}-\frac{1}{16}$
10	$6\frac{3}{8}$	33	$6\frac{1}{2}$	10	$10\frac{3}{4}$	34	$8\frac{1}{4}$	11	$3\frac{1}{8}$	35	10
10	$6\frac{1}{2}$	33	$6\frac{7}{8}$	10	$10\frac{7}{8}$	34	$8\frac{5}{8}$	11	$3\frac{1}{4}$	35	$10\frac{3}{8}$
10	$6\frac{5}{8}$	33	$7\frac{1}{4}$	10	11	34	9	11	$3\frac{3}{8}$	35	$10\frac{3}{4}$
10	$6\frac{3}{4}$	33	$7\frac{5}{8}-\frac{1}{16}$	10	$11\frac{1}{8}$	34	$9\frac{3}{8}$	11	$3\frac{1}{2}$	35	$11\frac{1}{8}$
10	$6\frac{7}{8}$	33	$8\frac{1}{16}$	10	$11\frac{1}{4}$	34	$9\frac{3}{4}-\frac{1}{16}$	11	$3\frac{5}{8}$	35	$11\frac{1}{2}-\frac{1}{16}$
10	7	33	$8\frac{3}{8}-\frac{1}{16}$	10	$11\frac{3}{8}$	34	$10\frac{1}{8}-\frac{1}{16}$	11	$3\frac{3}{4}$	35	$11\frac{7}{8}-\frac{1}{16}$
10	$7\frac{1}{8}$	33	$8\frac{7}{8}$	10	$11\frac{1}{2}$	34	$10\frac{1}{2}-\frac{1}{16}$	11	$3\frac{7}{8}$	36	$0\frac{1}{4}-\frac{1}{16}$
10	$7\frac{1}{4}$	33	$9\frac{1}{4}$	10	$11\frac{5}{8}$	34	11	11	4	36	$0\frac{5}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{7}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
11	$4\frac{1}{8}$	36	$1\frac{1}{8}$	11	$8\frac{1}{2}$	37	$2\frac{7}{8}$	12	$0\frac{7}{8}$	38	$4\frac{5}{8}$
11	$4\frac{1}{4}$	36	$1\frac{1}{2}$	11	$8\frac{5}{8}$	37	$3\frac{1}{4}$	12	1	38	5
11	$4\frac{3}{8}$	36	$1\frac{7}{8}$	11	$8\frac{3}{4}$	37	$3\frac{5}{8}$	12	$1\frac{1}{8}$	38	$5\frac{3}{8}$
11	$4\frac{1}{2}$	36	$2\frac{1}{4}-\frac{1}{16}$	11	$8\frac{7}{8}$	37	$4\frac{1}{16}$	12	$1\frac{1}{4}$	38	$5\frac{3}{4}-\frac{1}{16}$
11	$4\frac{5}{8}$	36	$2\frac{5}{8}-\frac{1}{16}$	11	9	37	$4\frac{3}{8}-\frac{1}{16}$	12	$1\frac{3}{8}$	38	$6\frac{1}{4}$
11	$4\frac{3}{4}$	36	$3\frac{1}{16}$	11	$9\frac{1}{8}$	37	$4\frac{3}{4}-\frac{1}{16}$	12	$1\frac{1}{2}$	38	$6\frac{5}{8}$
11	$4\frac{7}{8}$	36	$3\frac{1}{2}$	11	$9\frac{1}{4}$	37	$5\frac{1}{4}$	12	$1\frac{5}{8}$	38	7
11	5	36	$3\frac{7}{8}$	11	$9\frac{3}{8}$	37	$5\frac{5}{8}$	12	$1\frac{3}{4}$	38	$7\frac{3}{8}$
11	$5\frac{1}{8}$	36	$4\frac{1}{4}$	11	$9\frac{1}{2}$	37	6	12	$1\frac{7}{8}$	38	$7\frac{3}{4}$
11	$5\frac{1}{4}$	36	$4\frac{5}{8}$	11	$9\frac{5}{8}$	37	$6\frac{3}{8}$	12	2	38	$8\frac{1}{8}$
11	$5\frac{3}{8}$	36	5	11	$9\frac{3}{4}$	37	$6\frac{3}{4}$	12	$2\frac{1}{8}$	38	$8\frac{1}{2}-\frac{1}{16}$
11	$5\frac{1}{2}$	36	$5\frac{3}{8}-\frac{1}{16}$	11	$9\frac{7}{8}$	37	$7\frac{1}{8}-\frac{1}{16}$	12	$2\frac{1}{4}$	38	$8\frac{7}{8}-\frac{1}{16}$
11	$5\frac{5}{8}$	36	$5\frac{3}{4}-\frac{1}{16}$	11	10	37	$7\frac{1}{2}-\frac{1}{16}$	12	$2\frac{3}{8}$	38	$9\frac{1}{4}-\frac{1}{16}$
11	$5\frac{3}{4}$	36	$6\frac{1}{4}$	11	$10\frac{1}{8}$	37	$7\frac{7}{8}-\frac{1}{16}$	12	$2\frac{1}{2}$	38	$9\frac{3}{4}$
11	$5\frac{7}{8}$	36	$6\frac{5}{8}$	11	$10\frac{1}{4}$	37	$8\frac{3}{8}$	12	$2\frac{5}{8}$	38	$10\frac{1}{8}$
11	6	36	7	11	$10\frac{3}{4}$	37	$8\frac{3}{4}$	12	$2\frac{3}{4}$	38	$10\frac{1}{2}$
11	$6\frac{1}{8}$	36	$7\frac{3}{8}$	11	$10\frac{1}{2}$	37	$9\frac{1}{8}$	12	$2\frac{7}{8}$	38	$10\frac{7}{8}$
11	$6\frac{1}{4}$	36	$7\frac{3}{4}-\frac{1}{16}$	11	$10\frac{5}{8}$	37	$9\frac{1}{2}$	12	3	38	$11\frac{1}{4}$
11	$6\frac{3}{8}$	36	$8\frac{1}{8}-\frac{1}{16}$	11	$10\frac{3}{4}$	37	$9\frac{7}{8}$	12	$3\frac{1}{8}$	38	$11\frac{5}{8}-\frac{1}{16}$
11	$6\frac{1}{2}$	36	$8\frac{1}{2}-\frac{1}{16}$	11	$10\frac{7}{8}$	37	$10\frac{1}{4}-\frac{1}{16}$	12	$3\frac{1}{4}$	39	$0\frac{1}{16}$
11	$6\frac{5}{8}$	36	9	11	11	37	$10\frac{3}{4}$	12	$3\frac{3}{8}$	39	$0\frac{3}{8}-\frac{1}{16}$
11	$6\frac{3}{4}$	36	$9\frac{3}{8}$	11	$11\frac{1}{8}$	37	$11\frac{1}{8}$	12	$3\frac{1}{2}$	39	$0\frac{7}{8}$
11	$6\frac{7}{8}$	36	$9\frac{3}{4}$	11	$11\frac{1}{4}$	37	$11\frac{1}{2}$	12	$3\frac{5}{8}$	39	$1\frac{1}{4}$
11	7	36	$10\frac{1}{8}$	11	$11\frac{3}{8}$	37	$11\frac{7}{8}-\frac{1}{16}$	12	$3\frac{3}{4}$	39	$1\frac{5}{8}$
11	$7\frac{1}{8}$	36	$10\frac{1}{2}-\frac{1}{16}$	11	$11\frac{1}{2}$	38	$0\frac{1}{4}-\frac{1}{16}$	12	$3\frac{7}{8}$	39	2
11	$7\frac{1}{4}$	36	$10\frac{7}{8}-\frac{1}{16}$	11	$11\frac{5}{8}$	38	$0\frac{3}{4}$	12	4	39	$2\frac{3}{8}-\frac{1}{16}$
11	$7\frac{3}{8}$	36	$11\frac{1}{4}-\frac{1}{16}$	11	$11\frac{3}{4}$	38	$1\frac{1}{8}$	12	$4\frac{1}{8}$	39	$2\frac{3}{4}-\frac{1}{16}$
11	$7\frac{1}{2}$	36	$11\frac{3}{4}$	11	$11\frac{7}{8}$	38	$1\frac{1}{2}$	12	$4\frac{1}{4}$	39	$3\frac{1}{4}$
11	$7\frac{5}{8}$	37	$0\frac{1}{8}$	12	0	38	$1\frac{7}{8}$	12	$4\frac{3}{8}$	39	$3\frac{5}{8}$
11	$7\frac{3}{4}$	37	$0\frac{1}{2}$	12	$0\frac{1}{8}$	38	$2\frac{1}{4}$	12	$4\frac{1}{2}$	39	4
11	$7\frac{7}{8}$	37	$0\frac{7}{8}$	12	$0\frac{1}{4}$	38	$2\frac{5}{8}$	12	$4\frac{5}{8}$	39	$4\frac{3}{8}-\frac{1}{16}$
11	8	37	$1\frac{1}{4}-\frac{1}{16}$	12	$0\frac{3}{8}$	38	3	12	$4\frac{3}{4}$	39	$4\frac{3}{4}-\frac{1}{16}$
11	$8\frac{1}{8}$	37	$1\frac{5}{8}-\frac{1}{16}$	12	$0\frac{1}{2}$	38	$3\frac{3}{8}$	12	$4\frac{7}{8}$	39	$5\frac{1}{8}-\frac{1}{16}$
11	$8\frac{1}{4}$	37	$2\frac{1}{16}$	12	$0\frac{5}{8}$	38	$3\frac{3}{4}-\frac{1}{16}$	12	5	39	$5\frac{1}{2}-\frac{1}{16}$
11	$8\frac{3}{8}$	37	$2\frac{3}{8}-\frac{1}{16}$	12	$0\frac{3}{4}$	38	$4\frac{1}{8}-\frac{1}{16}$	12	$5\frac{1}{8}$	39	$5\frac{7}{8}-\frac{1}{16}$

Diagonal Measurement at the Root, $\frac{7}{8}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
12	$5\frac{1}{4}$	39	$6\frac{3}{8}$	12	$7\frac{5}{8}$	40	$1\frac{3}{4}-\frac{1}{16}$	12	10	40	$9\frac{1}{4}-\frac{1}{16}$
12	$5\frac{3}{8}$	39	$6\frac{3}{4}$	12	$7\frac{3}{4}$	40	$2\frac{1}{8}-\frac{1}{16}$	12	$10\frac{1}{8}$	40	$9\frac{5}{8}-\frac{1}{16}$
12	$5\frac{1}{2}$	39	$7\frac{1}{8}$	12	$7\frac{7}{8}$	40	$2\frac{1}{2}-\frac{1}{16}$	12	$10\frac{1}{4}$	40	$10\frac{1}{16}$
12	$5\frac{5}{8}$	39	$7\frac{1}{2}$	12	8	40	$2\frac{7}{8}-\frac{1}{16}$	12	$10\frac{3}{8}$	40	$10\frac{1}{2}$
12	$5\frac{3}{4}$	39	$7\frac{7}{8}-\frac{1}{16}$	12	$8\frac{1}{8}$	40	$3\frac{3}{8}$	12	$10\frac{1}{2}$	40	$10\frac{7}{8}$
12	$5\frac{7}{8}$	39	$8\frac{1}{4}-\frac{1}{16}$	12	$8\frac{1}{4}$	40	$3\frac{3}{4}-\frac{1}{16}$	12	$10\frac{5}{8}$	40	$11\frac{1}{4}$
12	6	39	$8\frac{5}{8}-\frac{1}{16}$	12	$8\frac{3}{8}$	40	$4\frac{1}{8}-\frac{1}{16}$	12	$10\frac{3}{4}$	40	$11\frac{5}{8}-\frac{1}{16}$
12	$6\frac{1}{8}$	39	$9\frac{1}{8}$	12	$8\frac{1}{2}$	40	$4\frac{1}{2}-\frac{1}{16}$	12	$10\frac{7}{8}$	41	$0\frac{1}{16}$
12	$6\frac{1}{4}$	39	$9\frac{1}{2}$	12	$8\frac{5}{8}$	40	$4\frac{7}{8}-\frac{1}{16}$	12	11	41	$0\frac{3}{8}-\frac{1}{16}$
12	$6\frac{3}{8}$	39	$9\frac{7}{8}$	12	$8\frac{3}{4}$	40	$5\frac{1}{4}-\frac{1}{16}$	12	$11\frac{1}{8}$	41	$0\frac{7}{8}$
12	$6\frac{1}{2}$	39	$10\frac{1}{4}-\frac{1}{16}$	12	$8\frac{7}{8}$	40	$5\frac{3}{4}$	12	$11\frac{1}{4}$	41	$1\frac{1}{4}$
12	$6\frac{5}{8}$	39	$10\frac{5}{8}-\frac{1}{16}$	12	9	40	$6\frac{1}{8}$	12	$11\frac{3}{8}$	41	$1\frac{5}{8}$
12	$6\frac{3}{4}$	39	$11\frac{1}{16}$	12	$9\frac{1}{8}$	40	$6\frac{1}{2}$	12	$11\frac{1}{2}$	41	$2\frac{1}{16}$
12	$6\frac{7}{8}$	39	$11\frac{3}{8}-\frac{1}{16}$	12	$9\frac{1}{4}$	40	$6\frac{7}{8}-\frac{1}{16}$	12	$11\frac{5}{8}$	41	$2\frac{3}{8}-\frac{1}{16}$
12	7	39	$11\frac{3}{4}-\frac{1}{16}$	12	$9\frac{3}{8}$	40	$7\frac{1}{4}-\frac{1}{16}$	12	$11\frac{3}{4}$	41	$2\frac{7}{8}$
12	$7\frac{1}{8}$	40	$0\frac{1}{4}$	12	$9\frac{1}{2}$	40	$7\frac{3}{4}$	12	$11\frac{7}{8}$	41	$3\frac{1}{4}$
12	$7\frac{1}{4}$	40	$0\frac{5}{8}$	12	$9\frac{5}{8}$	40	$8\frac{1}{8}$	13	0	41	$3\frac{5}{8}$
12	$7\frac{3}{8}$	40	1	12	$9\frac{3}{4}$	40	$8\frac{1}{2}$				
12	$7\frac{1}{2}$	40	$1\frac{3}{8}-\frac{1}{16}$	12	$9\frac{7}{8}$	40	$8\frac{7}{8}-\frac{1}{16}$				

Diagonal Measurement at the Root, $\frac{15}{16}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	0	3	$7\frac{1}{2}-\frac{1}{16}$	1	1	3	$10\frac{5}{8}-\frac{1}{16}$	1	2	4	$1\frac{3}{4}-\frac{1}{16}$
1	$0\frac{1}{8}$	3	$7\frac{7}{8}-\frac{1}{16}$	1	$1\frac{1}{8}$	3	$11\frac{1}{16}$	1	$2\frac{1}{8}$	4	$2\frac{1}{4}$
1	$0\frac{1}{4}$	3	$8\frac{1}{4}-\frac{1}{16}$	1	$1\frac{1}{4}$	3	$11\frac{1}{2}$	1	$2\frac{1}{4}$	4	$2\frac{5}{8}$
1	$0\frac{3}{8}$	3	$8\frac{3}{4}$	1	$1\frac{3}{8}$	3	$11\frac{7}{8}$	1	$2\frac{3}{8}$	4	$3\frac{1}{16}$
1	$0\frac{1}{2}$	3	$9\frac{1}{8}$	1	$1\frac{1}{2}$	4	$0\frac{1}{4}$	1	$2\frac{1}{2}$	4	$3\frac{3}{8}-\frac{1}{16}$
1	$0\frac{5}{8}$	3	$9\frac{1}{2}-\frac{1}{16}$	1	$1\frac{5}{8}$	4	$0\frac{5}{8}-\frac{1}{16}$	1	$2\frac{5}{8}$	4	$3\frac{3}{4}-\frac{1}{16}$
1	$0\frac{3}{4}$	3	$9\frac{7}{8}-\frac{1}{16}$	1	$1\frac{3}{4}$	4	$1\frac{1}{16}$	1	$2\frac{3}{4}$	4	$4\frac{1}{8}-\frac{1}{16}$
1	$0\frac{7}{8}$	3	$10\frac{1}{4}-\frac{1}{16}$	1	$1\frac{7}{8}$	4	$1\frac{3}{8}-\frac{1}{16}$	1	$2\frac{7}{8}$	4	$4\frac{1}{2}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	3	4	5	1	$7\frac{3}{8}$	5	$6\frac{3}{4}$	1	$11\frac{3}{4}$	6	$8\frac{1}{2}$
1	$3\frac{1}{8}$	4	$5\frac{3}{8}$	1	$7\frac{1}{2}$	5	$7\frac{1}{8}$	1	$11\frac{7}{8}$	6	$8\frac{7}{8}$
1	$3\frac{1}{4}$	4	$5\frac{3}{4}-\frac{1}{16}$	1	$7\frac{5}{8}$	5	$7\frac{1}{2}$	2	0	6	$9\frac{1}{4}$
1	$3\frac{3}{8}$	4	$6\frac{1}{8}-\frac{1}{16}$	1	$7\frac{3}{4}$	5	$7\frac{7}{8}$	2	$0\frac{1}{8}$	6	$9\frac{5}{8}-\frac{1}{16}$
1	$3\frac{1}{2}$	4	$6\frac{1}{2}-\frac{1}{16}$	1	$7\frac{7}{8}$	5	$8\frac{1}{4}-\frac{1}{16}$	2	$0\frac{1}{4}$	6	$10\frac{1}{16}$
1	$3\frac{5}{8}$	4	$6\frac{7}{8}-\frac{1}{16}$	1	8	5	$8\frac{5}{8}-\frac{1}{16}$	2	$0\frac{3}{8}$	6	$10\frac{3}{8}-\frac{1}{16}$
1	$3\frac{3}{4}$	4	$7\frac{1}{4}-\frac{1}{16}$	1	$8\frac{1}{8}$	5	$9\frac{1}{16}$	2	$0\frac{1}{2}$	6	$10\frac{3}{4}-\frac{1}{16}$
1	$3\frac{7}{8}$	4	$7\frac{3}{4}$	1	$8\frac{1}{4}$	5	$9\frac{1}{2}$	2	$0\frac{5}{8}$	6	$11\frac{1}{4}$
1	4	4	$8\frac{1}{8}$	1	$8\frac{3}{8}$	5	$9\frac{7}{8}$	2	$0\frac{3}{4}$	6	$11\frac{5}{8}$
1	$4\frac{1}{8}$	4	$8\frac{1}{2}$	1	$8\frac{1}{2}$	5	$10\frac{1}{4}$	2	$0\frac{7}{8}$	7	0
1	$4\frac{1}{4}$	4	$8\frac{7}{8}-\frac{1}{16}$	1	$8\frac{5}{8}$	5	$10\frac{5}{8}$	2	1	7	$0\frac{3}{8}-\frac{1}{16}$
1	$4\frac{3}{8}$	4	$9\frac{1}{4}-\frac{1}{16}$	1	$8\frac{3}{4}$	5	$11\frac{1}{16}$	2	$1\frac{1}{8}$	7	$0\frac{3}{4}-\frac{1}{16}$
1	$4\frac{1}{2}$	4	$9\frac{5}{8}-\frac{1}{16}$	1	$8\frac{7}{8}$	5	$11\frac{3}{8}-\frac{1}{16}$	2	$1\frac{1}{4}$	7	$1\frac{1}{8}-\frac{1}{16}$
1	$4\frac{5}{8}$	4	$10\frac{1}{16}$	1	9	5	$11\frac{3}{4}-\frac{1}{16}$	2	$1\frac{3}{8}$	7	$1\frac{1}{2}-\frac{1}{16}$
1	$4\frac{3}{4}$	4	$10\frac{1}{2}$	1	$9\frac{1}{8}$	6	$0\frac{1}{4}$	2	$1\frac{1}{2}$	7	2
1	$4\frac{7}{8}$	4	$10\frac{7}{8}$	1	$9\frac{1}{4}$	6	$0\frac{5}{8}$	2	$1\frac{5}{8}$	7	$2\frac{3}{8}$
1	5	4	$11\frac{1}{4}$	1	$9\frac{3}{8}$	6	1	2	$1\frac{3}{4}$	7	$2\frac{3}{4}$
1	$5\frac{1}{8}$	4	$11\frac{5}{8}-\frac{1}{16}$	1	$9\frac{1}{2}$	6	$1\frac{3}{8}$	2	$1\frac{7}{8}$	7	$3\frac{1}{8}$
1	$5\frac{1}{4}$	5	$0\frac{1}{16}$	1	$9\frac{5}{8}$	6	$1\frac{3}{4}-\frac{1}{16}$	2	2	7	$3\frac{1}{2}-\frac{1}{16}$
1	$5\frac{3}{8}$	5	$0\frac{3}{8}-\frac{1}{16}$	1	$9\frac{3}{4}$	6	$2\frac{1}{8}-\frac{1}{16}$	2	$2\frac{1}{8}$	7	$3\frac{7}{8}-\frac{1}{16}$
1	$5\frac{1}{2}$	5	$0\frac{3}{4}-\frac{1}{16}$	1	$9\frac{7}{8}$	6	$2\frac{1}{2}-\frac{1}{16}$	2	$2\frac{1}{4}$	7	$4\frac{1}{4}-\frac{1}{16}$
1	$5\frac{5}{8}$	5	$1\frac{1}{4}$	1	10	6	3	2	$2\frac{3}{8}$	7	$4\frac{3}{4}$
1	$5\frac{3}{4}$	5	$1\frac{5}{8}$	1	$10\frac{1}{8}$	6	$3\frac{3}{8}$	2	$2\frac{1}{2}$	7	$5\frac{1}{8}$
1	$5\frac{7}{8}$	5	2	1	$10\frac{1}{4}$	6	$3\frac{3}{4}$	2	$2\frac{5}{8}$	7	$5\frac{1}{2}$
1	6	5	$2\frac{3}{8}-\frac{1}{16}$	1	$10\frac{3}{8}$	6	$4\frac{1}{8}$	2	$2\frac{3}{4}$	7	$5\frac{7}{8}$
1	$6\frac{1}{8}$	5	$2\frac{3}{4}-\frac{1}{16}$	1	$10\frac{1}{2}$	6	$4\frac{1}{2}-\frac{1}{16}$	2	$2\frac{7}{8}$	7	$6\frac{1}{4}-\frac{1}{16}$
1	$6\frac{1}{4}$	5	$3\frac{1}{8}-\frac{1}{16}$	1	$10\frac{5}{8}$	6	$4\frac{7}{8}-\frac{1}{16}$	2	3	7	$6\frac{5}{8}-\frac{1}{16}$
1	$6\frac{3}{8}$	5	$3\frac{1}{2}-\frac{1}{16}$	1	$10\frac{3}{4}$	6	$5\frac{1}{4}-\frac{1}{16}$	2	$3\frac{1}{8}$	7	$7\frac{1}{16}$
1	$6\frac{1}{2}$	5	4	1	$10\frac{7}{8}$	6	$5\frac{3}{4}$	2	$3\frac{1}{4}$	7	$7\frac{3}{8}-\frac{1}{16}$
1	$6\frac{5}{8}$	5	$4\frac{3}{8}$	1	11	6	$6\frac{1}{8}$	2	$3\frac{3}{8}$	7	$7\frac{7}{8}$
1	$6\frac{3}{4}$	5	$4\frac{3}{4}$	1	$11\frac{1}{8}$	6	$6\frac{1}{2}$	2	$3\frac{1}{2}$	7	$8\frac{1}{4}$
1	$6\frac{7}{8}$	5	$5\frac{1}{8}-\frac{1}{16}$	1	$11\frac{1}{4}$	6	$6\frac{7}{8}-\frac{1}{16}$	2	$3\frac{5}{8}$	7	$8\frac{5}{8}$
1	7	5	$5\frac{1}{2}-\frac{1}{16}$	1	$11\frac{3}{8}$	6	$7\frac{1}{4}-\frac{1}{16}$	2	$3\frac{3}{4}$	7	$9\frac{1}{16}$
1	$7\frac{1}{8}$	5	$5\frac{7}{8}-\frac{1}{16}$	1	$11\frac{1}{2}$	6	$7\frac{3}{4}$	2	$3\frac{7}{8}$	7	$9\frac{3}{8}-\frac{1}{16}$
1	$7\frac{1}{4}$	5	$6\frac{1}{4}-\frac{1}{16}$	1	$11\frac{5}{8}$	6	$8\frac{1}{8}$	2	4	7	$9\frac{3}{4}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
2	$4\frac{1}{8}$	7	$10\frac{1}{4}$	2	$8\frac{1}{2}$	9	0	3	$0\frac{7}{8}$	10	$1\frac{3}{4}$
2	$4\frac{1}{4}$	7	$10\frac{5}{8}$	2	$8\frac{5}{8}$	9	$0\frac{3}{8}$	3	1	10	$2\frac{1}{8}$
2	$4\frac{3}{8}$	7	11	2	$8\frac{3}{4}$	9	$0\frac{3}{4}-\frac{1}{16}$	3	$1\frac{1}{8}$	10	$2\frac{1}{2}$
2	$4\frac{1}{2}$	7	$11\frac{3}{8}$	2	$8\frac{7}{8}$	9	$1\frac{1}{8}-\frac{1}{16}$	3	$1\frac{1}{4}$	10	$2\frac{7}{8}$
2	$4\frac{5}{8}$	7	$11\frac{3}{4}-\frac{1}{16}$	2	9	9	$1\frac{5}{8}$	3	$1\frac{3}{8}$	10	$3\frac{1}{4}-\frac{1}{16}$
2	$4\frac{3}{4}$	8	$0\frac{1}{8}-\frac{1}{16}$	2	$9\frac{1}{8}$	9	2	3	$1\frac{1}{2}$	10	$3\frac{5}{8}-\frac{1}{16}$
2	$4\frac{7}{8}$	8	$0\frac{1}{2}-\frac{1}{16}$	2	$9\frac{1}{4}$	9	$2\frac{3}{8}$	3	$1\frac{5}{8}$	10	$4\frac{1}{8}$
2	5	8	1	2	$9\frac{3}{8}$	9	$2\frac{3}{4}$	3	$1\frac{3}{4}$	10	$4\frac{1}{2}$
2	$5\frac{1}{8}$	8	$1\frac{3}{8}$	2	$9\frac{1}{2}$	9	$3\frac{1}{8}$	3	$1\frac{7}{8}$	10	$4\frac{7}{8}$
2	$5\frac{1}{4}$	8	$1\frac{3}{4}-\frac{1}{16}$	2	$9\frac{5}{8}$	9	$3\frac{1}{2}$	3	2	10	$5\frac{1}{4}-\frac{1}{16}$
2	$5\frac{3}{8}$	8	$2\frac{1}{8}-\frac{1}{16}$	2	$9\frac{3}{4}$	9	$3\frac{7}{8}$	3	$2\frac{1}{8}$	10	$5\frac{5}{8}-\frac{1}{16}$
2	$5\frac{1}{2}$	8	$2\frac{1}{2}-\frac{1}{16}$	2	$9\frac{7}{8}$	9	$4\frac{1}{4}-\frac{1}{16}$	3	$2\frac{1}{4}$	10	$6\frac{1}{16}$
2	$5\frac{5}{8}$	8	3	2	10	9	$4\frac{5}{8}-\frac{1}{16}$	3	$2\frac{3}{8}$	10	$6\frac{3}{8}-\frac{1}{16}$
2	$5\frac{3}{4}$	8	$3\frac{3}{8}$	2	$10\frac{1}{8}$	9	$5\frac{1}{16}$	3	$2\frac{1}{2}$	10	$6\frac{3}{4}-\frac{1}{16}$
2	$5\frac{7}{8}$	8	$3\frac{3}{4}$	2	$10\frac{1}{4}$	9	$5\frac{1}{2}$	3	$2\frac{5}{8}$	10	$7\frac{1}{8}-\frac{1}{16}$
2	6	8	$4\frac{1}{8}$	2	$10\frac{3}{8}$	9	$5\frac{7}{8}$	3	$2\frac{3}{4}$	10	$7\frac{5}{8}$
2	$6\frac{1}{8}$	8	$4\frac{1}{2}$	2	$10\frac{1}{2}$	9	$6\frac{1}{4}-\frac{1}{16}$	3	$2\frac{7}{8}$	10	8
2	$6\frac{1}{4}$	8	$4\frac{7}{8}$	2	$10\frac{5}{8}$	9	$6\frac{5}{8}-\frac{1}{16}$	3	3	10	$8\frac{3}{8}$
2	$6\frac{3}{8}$	8	$5\frac{1}{4}-\frac{1}{16}$	2	$10\frac{3}{4}$	9	$7\frac{1}{16}$	3	$3\frac{1}{8}$	10	$8\frac{3}{4}-\frac{1}{16}$
2	$6\frac{1}{2}$	8	$5\frac{5}{8}-\frac{1}{16}$	2	$10\frac{7}{8}$	9	$7\frac{3}{8}-\frac{1}{16}$	3	$3\frac{1}{4}$	10	$9\frac{1}{8}-\frac{1}{16}$
2	$6\frac{5}{8}$	8	$6\frac{1}{16}$	2	11	9	$7\frac{3}{4}-\frac{1}{16}$	3	$3\frac{3}{8}$	10	$9\frac{3}{8}$
2	$6\frac{3}{4}$	8	$6\frac{1}{2}$	2	$11\frac{1}{8}$	9	$8\frac{1}{8}-\frac{1}{16}$	3	$3\frac{1}{2}$	10	10
2	$6\frac{7}{8}$	8	$6\frac{7}{8}$	2	$11\frac{1}{4}$	9	$8\frac{1}{2}-\frac{1}{16}$	3	$3\frac{5}{8}$	10	$10\frac{3}{8}$
2	7	8	$7\frac{1}{4}-\frac{1}{16}$	2	$11\frac{3}{8}$	9	9	3	$3\frac{3}{4}$	10	$10\frac{3}{4}-\frac{1}{16}$
2	$7\frac{1}{8}$	8	$7\frac{5}{8}-\frac{1}{16}$	2	$11\frac{1}{2}$	9	$9\frac{3}{8}$	3	$3\frac{7}{8}$	10	$11\frac{1}{8}-\frac{1}{16}$
2	$7\frac{1}{4}$	8	$8\frac{1}{16}$	2	$11\frac{5}{8}$	9	$9\frac{3}{4}-\frac{1}{16}$	3	4	10	$11\frac{1}{2}-\frac{1}{16}$
2	$7\frac{3}{8}$	8	$8\frac{1}{2}$	2	$11\frac{3}{4}$	9	$10\frac{1}{8}-\frac{1}{16}$	3	$4\frac{1}{8}$	10	$11\frac{7}{8}-\frac{1}{16}$
2	$7\frac{1}{2}$	8	$8\frac{7}{8}$	2	$11\frac{7}{8}$	9	$10\frac{1}{2}-\frac{1}{16}$	3	$4\frac{1}{4}$	11	$0\frac{1}{4}-\frac{1}{16}$
2	$7\frac{5}{8}$	8	$9\frac{1}{4}$	3	0	9	11	3	$4\frac{3}{8}$	11	$0\frac{5}{8}-\frac{1}{16}$
2	$7\frac{3}{4}$	8	$9\frac{5}{8}$	3	$0\frac{1}{8}$	9	$11\frac{3}{8}$	3	$4\frac{1}{2}$	11	$1\frac{1}{16}$
2	$7\frac{7}{8}$	8	10	3	$0\frac{1}{4}$	9	$11\frac{3}{4}-\frac{1}{16}$	3	$4\frac{5}{8}$	11	$1\frac{1}{2}$
2	8	8	$10\frac{3}{8}$	3	$0\frac{3}{8}$	10	$0\frac{1}{8}-\frac{1}{16}$	3	$4\frac{3}{4}$	11	$1\frac{7}{8}$
2	$8\frac{1}{8}$	8	$10\frac{3}{4}-\frac{1}{16}$	3	$0\frac{1}{2}$	10	$0\frac{1}{2}-\frac{1}{16}$	3	$4\frac{7}{8}$	11	$2\frac{1}{4}-\frac{1}{16}$
2	$8\frac{1}{4}$	8	$11\frac{1}{8}-\frac{1}{16}$	3	$0\frac{5}{8}$	10	1	3	5	11	$2\frac{5}{8}-\frac{1}{16}$
2	$8\frac{3}{8}$	8	$11\frac{5}{8}$	3	$0\frac{3}{4}$	10	$1\frac{3}{8}$	3	$5\frac{1}{8}$	11	$3\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	$5\frac{1}{4}$	11	$3\frac{1}{2}$	3	$9\frac{5}{8}$	12	$5\frac{1}{8}-\frac{1}{16}$	4	2	13	7
3	$5\frac{3}{8}$	11	$3\frac{7}{8}$	3	$9\frac{3}{4}$	12	$5\frac{1}{2}-\frac{1}{16}$	4	$2\frac{1}{8}$	13	$7\frac{3}{8}$
3	$5\frac{1}{2}$	11	$4\frac{1}{4}-\frac{1}{16}$	3	$9\frac{7}{8}$	12	6	4	$2\frac{1}{4}$	13	$7\frac{3}{4}$
3	$5\frac{5}{8}$	11	$4\frac{5}{8}-\frac{1}{16}$	3	10	12	$6\frac{3}{8}$	4	$2\frac{3}{8}$	13	$8\frac{1}{8}$
3	$5\frac{3}{4}$	11	$5\frac{1}{16}$	3	$10\frac{1}{8}$	12	$6\frac{3}{4}-\frac{1}{16}$	4	$2\frac{1}{2}$	13	$8\frac{1}{2}$
3	$5\frac{7}{8}$	11	$5\frac{3}{8}-\frac{1}{16}$	3	$10\frac{1}{4}$	12	$7\frac{1}{8}-\frac{1}{16}$	4	$2\frac{5}{8}$	13	$8\frac{7}{8}$
3	6	11	$5\frac{3}{4}-\frac{1}{16}$	3	$10\frac{3}{8}$	12	$7\frac{1}{2}-\frac{1}{16}$	4	$2\frac{3}{4}$	13	$9\frac{1}{4}-\frac{1}{16}$
3	$6\frac{1}{8}$	11	$6\frac{1}{8}-\frac{1}{16}$	3	$10\frac{1}{2}$	12	8	4	$2\frac{7}{8}$	13	$9\frac{5}{8}-\frac{1}{16}$
3	$6\frac{1}{4}$	11	$6\frac{1}{2}-\frac{1}{16}$	3	$10\frac{5}{8}$	12	$8\frac{3}{8}$	4	3	13	$10\frac{1}{16}$
3	$6\frac{3}{8}$	11	7	3	$10\frac{3}{4}$	12	$8\frac{3}{4}-\frac{1}{16}$	4	$3\frac{1}{8}$	13	$10\frac{1}{2}$
3	$6\frac{1}{2}$	11	$7\frac{3}{8}$	3	$10\frac{7}{8}$	12	$9\frac{1}{8}-\frac{1}{16}$	4	$3\frac{1}{4}$	13	$10\frac{7}{8}$
3	$6\frac{5}{8}$	11	$7\frac{3}{4}-\frac{1}{16}$	3	11	12	$9\frac{1}{2}-\frac{1}{16}$	4	$3\frac{3}{8}$	13	$11\frac{1}{4}-\frac{1}{16}$
3	$6\frac{3}{4}$	11	$8\frac{1}{8}-\frac{1}{16}$	3	$11\frac{1}{8}$	12	$9\frac{7}{8}-\frac{1}{16}$	4	$3\frac{1}{2}$	13	$11\frac{7}{8}-\frac{1}{16}$
3	$6\frac{7}{8}$	11	$8\frac{1}{2}-\frac{1}{16}$	3	$11\frac{1}{4}$	12	$10\frac{1}{4}-\frac{1}{16}$	4	$3\frac{5}{8}$	14	$0\frac{1}{16}$
3	7	11	9	3	$11\frac{3}{8}$	12	$10\frac{5}{8}-\frac{1}{16}$	4	$3\frac{3}{4}$	14	$0\frac{1}{2}$
3	$7\frac{1}{8}$	11	$9\frac{3}{8}$	3	$11\frac{1}{2}$	12	$11\frac{1}{16}$	4	$3\frac{7}{8}$	14	$0\frac{7}{8}$
3	$7\frac{1}{4}$	11	$9\frac{3}{4}-\frac{1}{16}$	3	$11\frac{5}{8}$	12	$11\frac{1}{2}$	4	4	14	$1\frac{1}{4}$
3	$7\frac{3}{8}$	11	$10\frac{1}{8}-\frac{1}{16}$	3	$11\frac{3}{4}$	12	$11\frac{7}{8}$	4	$4\frac{1}{8}$	14	$1\frac{5}{8}$
3	$7\frac{1}{2}$	11	$10\frac{1}{2}-\frac{1}{16}$	3	$11\frac{7}{8}$	13	$0\frac{1}{4}-\frac{1}{16}$	4	$4\frac{1}{4}$	14	2
3	$7\frac{5}{8}$	11	$10\frac{7}{8}-\frac{1}{16}$	4	0	13	$0\frac{5}{8}-\frac{1}{16}$	4	$4\frac{3}{8}$	14	$2\frac{3}{8}$
3	$7\frac{3}{4}$	11	$11\frac{1}{4}-\frac{1}{16}$	4	$0\frac{1}{8}$	13	$1\frac{1}{16}$	4	$4\frac{1}{2}$	14	$2\frac{3}{4}-\frac{1}{16}$
3	$7\frac{7}{8}$	11	$11\frac{5}{8}-\frac{1}{16}$	4	$0\frac{1}{4}$	13	$1\frac{1}{2}$	4	$4\frac{5}{8}$	14	$3\frac{1}{8}-\frac{1}{16}$
3	8	12	$0\frac{1}{16}$	4	$0\frac{3}{8}$	13	$1\frac{7}{8}$	4	$4\frac{3}{4}$	14	$3\frac{1}{2}-\frac{1}{16}$
3	$8\frac{1}{8}$	12	$0\frac{1}{2}$	4	$0\frac{1}{2}$	13	$2\frac{1}{4}-\frac{1}{16}$	4	$4\frac{7}{8}$	14	4
3	$8\frac{1}{4}$	12	$0\frac{7}{8}$	4	$0\frac{5}{8}$	13	$2\frac{5}{8}-\frac{1}{16}$	4	5	14	$4\frac{3}{8}$
3	$8\frac{3}{8}$	12	$1\frac{1}{4}-\frac{1}{16}$	4	$0\frac{3}{4}$	13	$3\frac{1}{16}$	4	$5\frac{1}{8}$	14	$4\frac{3}{4}-\frac{1}{16}$
3	$8\frac{1}{2}$	12	$1\frac{5}{8}-\frac{1}{16}$	4	$0\frac{7}{8}$	13	$3\frac{3}{8}-\frac{1}{16}$	4	$5\frac{1}{4}$	14	$5\frac{1}{8}-\frac{1}{16}$
3	$8\frac{5}{8}$	12	$2\frac{1}{16}$	4	1	13	$3\frac{3}{4}-\frac{1}{16}$	4	$5\frac{3}{8}$	14	$5\frac{1}{2}-\frac{1}{16}$
3	$8\frac{3}{4}$	12	$2\frac{1}{2}$	4	$1\frac{1}{8}$	13	$4\frac{1}{8}-\frac{1}{16}$	4	$5\frac{1}{2}$	14	6
3	$8\frac{7}{8}$	12	$2\frac{7}{8}$	4	$1\frac{1}{4}$	13	$4\frac{1}{2}-\frac{1}{16}$	4	$5\frac{5}{8}$	14	$6\frac{3}{8}$
3	9	12	$3\frac{1}{4}-\frac{1}{16}$	4	$1\frac{3}{8}$	13	5	4	$5\frac{3}{4}$	14	$6\frac{3}{4}$
3	$9\frac{1}{8}$	12	$3\frac{5}{8}-\frac{1}{16}$	4	$1\frac{1}{2}$	13	$5\frac{3}{8}$	4	$5\frac{7}{8}$	14	$7\frac{1}{8}$
3	$9\frac{1}{4}$	12	$4\frac{1}{16}$	4	$1\frac{5}{8}$	13	$5\frac{3}{4}-\frac{1}{16}$	4	6	14	$7\frac{1}{2}$
3	$9\frac{3}{8}$	12	$4\frac{3}{8}-\frac{1}{16}$	4	$1\frac{3}{4}$	13	$6\frac{1}{8}-\frac{1}{16}$	4	$6\frac{1}{8}$	14	$7\frac{7}{8}$
3	$9\frac{1}{2}$	12	$4\frac{3}{4}-\frac{1}{16}$	4	$1\frac{7}{8}$	13	$6\frac{1}{2}-\frac{1}{16}$	4	$6\frac{1}{4}$	14	$8\frac{1}{4}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In	Ft.	In.	Ft.	In.	Ft.	In.
4	$6\frac{3}{8}$	14	$8\frac{5}{8}$-$\frac{1}{16}$	4	$10\frac{3}{4}$	15	$10\frac{1}{2}$	5	$3\frac{1}{8}$	17	$0\frac{1}{8}$-$\frac{1}{16}$
4	$6\frac{1}{2}$	14	$9\frac{1}{8}$	4	$10\frac{7}{8}$	15	$10\frac{7}{8}$	5	$3\frac{1}{4}$	17	$0\frac{1}{2}$-$\frac{1}{16}$
4	$6\frac{5}{8}$	14	$9\frac{1}{2}$	4	11	15	$11\frac{1}{4}$	5	$3\frac{3}{8}$	17	1
4	$6\frac{3}{4}$	14	$9\frac{7}{8}$	4	$11\frac{1}{8}$	15	$11\frac{5}{8}$	5	$3\frac{1}{2}$	17	$1\frac{3}{8}$
4	$6\frac{7}{8}$	14	$10\frac{1}{4}$	4	$11\frac{1}{4}$	16	0	5	$3\frac{5}{8}$	17	$1\frac{3}{4}$-$\frac{1}{16}$
4	7	14	$10\frac{5}{8}$-$\frac{1}{16}$	4	$11\frac{3}{8}$	16	$0\frac{3}{8}$	5	$3\frac{3}{4}$	17	$2\frac{1}{8}$-$\frac{1}{16}$
4	$7\frac{1}{8}$	14	$11\frac{1}{8}$	4	$11\frac{1}{2}$	16	$0\frac{3}{4}$-$\frac{1}{16}$	5	$3\frac{7}{8}$	17	$2\frac{1}{2}$-$\frac{1}{16}$
4	$7\frac{1}{4}$	14	$11\frac{1}{2}$	4	$11\frac{5}{8}$	16	$1\frac{1}{8}$-$\frac{1}{16}$	5	4	17	3
4	$7\frac{3}{8}$	14	$11\frac{7}{8}$	4	$11\frac{3}{4}$	16	$1\frac{1}{2}$-$\frac{1}{16}$	5	$4\frac{1}{8}$	17	$3\frac{3}{8}$
4	$7\frac{1}{2}$	15	$0\frac{1}{4}$	4	$11\frac{7}{8}$	16	2	5	$4\frac{1}{4}$	17	$3\frac{3}{4}$
4	$7\frac{5}{8}$	15	$0\frac{5}{8}$	5	0	16	$2\frac{3}{8}$	5	$4\frac{3}{8}$	17	$4\frac{1}{8}$
4	$7\frac{3}{4}$	15	1	5	$0\frac{1}{8}$	16	$2\frac{3}{4}$-$\frac{1}{16}$	5	$4\frac{1}{2}$	17	$4\frac{1}{2}$
4	$7\frac{7}{8}$	15	$1\frac{3}{8}$	5	$0\frac{1}{4}$	16	$3\frac{1}{8}$-$\frac{1}{16}$	5	$4\frac{5}{8}$	17	$4\frac{7}{8}$
4	8	15	$1\frac{3}{4}$-$\frac{1}{16}$	5	$0\frac{3}{8}$	16	$3\frac{1}{2}$-$\frac{1}{16}$	5	$4\frac{3}{4}$	17	$5\frac{1}{4}$
4	$8\frac{1}{8}$	15	$2\frac{1}{8}$-$\frac{1}{16}$	5	$0\frac{1}{2}$	16	4	5	$4\frac{7}{8}$	17	$5\frac{5}{8}$-$\frac{1}{16}$
4	$8\frac{1}{4}$	15	$2\frac{1}{2}$-$\frac{1}{16}$	5	$0\frac{5}{8}$	16	$4\frac{3}{8}$	5	5	17	$6\frac{1}{8}$
4	$8\frac{3}{8}$	15	3	5	$0\frac{3}{4}$	16	$4\frac{3}{4}$	5	$5\frac{1}{8}$	17	$6\frac{1}{2}$
4	$8\frac{1}{2}$	15	$3\frac{3}{8}$	5	$0\frac{7}{8}$	16	$5\frac{1}{8}$	5	$5\frac{1}{4}$	17	$6\frac{7}{8}$
4	$8\frac{5}{8}$	15	$3\frac{3}{4}$-$\frac{1}{16}$	5	1	16	$5\frac{1}{2}$	5	$5\frac{3}{8}$	17	$7\frac{1}{4}$
4	$8\frac{3}{4}$	15	$4\frac{1}{8}$-$\frac{1}{16}$	5	$1\frac{1}{8}$	16	$5\frac{7}{8}$	5	$5\frac{1}{2}$	17	$7\frac{5}{8}$-$\frac{1}{16}$
4	$8\frac{7}{8}$	15	$4\frac{1}{2}$-$\frac{1}{16}$	5	$1\frac{1}{4}$	16	$6\frac{1}{4}$-$\frac{1}{16}$	5	$5\frac{5}{8}$	17	$8\frac{1}{8}$
4	9	15	5	5	$1\frac{3}{8}$	16	$6\frac{5}{8}$-$\frac{1}{16}$	5	$5\frac{3}{4}$	17	$8\frac{1}{2}$
4	$9\frac{1}{8}$	15	$5\frac{3}{8}$	5	$1\frac{1}{2}$	16	$7\frac{1}{8}$	5	$5\frac{7}{8}$	17	$8\frac{7}{8}$
4	$9\frac{1}{4}$	15	$5\frac{3}{4}$	5	$1\frac{5}{8}$	16	$7\frac{1}{2}$	5	6	17	$9\frac{1}{4}$
4	$9\frac{3}{8}$	15	$6\frac{1}{8}$	5	$1\frac{3}{4}$	16	$7\frac{7}{8}$	5	$6\frac{1}{8}$	17	$9\frac{5}{8}$
4	$9\frac{1}{2}$	15	$6\frac{1}{2}$	5	$1\frac{7}{8}$	16	$8\frac{1}{4}$-$\frac{1}{16}$	5	$6\frac{1}{4}$	17	10
4	$9\frac{5}{8}$	15	$6\frac{7}{8}$	5	2	16	$8\frac{5}{8}$-$\frac{1}{16}$	5	$6\frac{3}{8}$	17	$10\frac{3}{8}$
4	$9\frac{3}{4}$	15	$7\frac{1}{4}$-$\frac{1}{16}$	5	$2\frac{1}{8}$	16	$9\frac{1}{8}$	5	$6\frac{1}{2}$	17	$10\frac{3}{4}$-$\frac{1}{16}$
4	$9\frac{7}{8}$	15	$7\frac{5}{8}$-$\frac{1}{16}$	5	$2\frac{1}{4}$	16	$9\frac{1}{2}$	5	$6\frac{5}{8}$	17	$11\frac{1}{8}$-$\frac{1}{16}$
4	10	15	$8\frac{1}{8}$	5	$2\frac{3}{8}$	16	$9\frac{7}{8}$	5	$6\frac{3}{4}$	17	$11\frac{1}{2}$-$\frac{1}{16}$
4	$10\frac{1}{8}$	15	$8\frac{1}{2}$	5	$2\frac{1}{2}$	16	$10\frac{1}{4}$	5	$6\frac{7}{8}$	18	0
4	$10\frac{1}{4}$	15	$8\frac{7}{8}$	5	$2\frac{5}{8}$	16	$10\frac{5}{8}$	5	7	18	$0\frac{3}{8}$
4	$10\frac{3}{8}$	15	$9\frac{1}{4}$-$\frac{1}{16}$	5	$2\frac{3}{4}$	16	11	5	$7\frac{1}{8}$	18	$0\frac{3}{4}$-$\frac{1}{16}$
4	$10\frac{1}{2}$	15	$9\frac{5}{8}$-$\frac{1}{16}$	5	$2\frac{7}{8}$	16	$11\frac{3}{8}$	5	$7\frac{1}{4}$	18	$1\frac{1}{8}$-$\frac{1}{16}$
4	$10\frac{5}{8}$	15	$10\frac{1}{16}$	5	3	16	$11\frac{3}{4}$-$\frac{1}{16}$	5	$7\frac{3}{8}$	18	$1\frac{1}{2}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
5	$7\frac{1}{2}$	18	$1\frac{7}{8}-\frac{1}{16}$	5	$11\frac{7}{8}$	19	$3\frac{5}{8}-\frac{1}{16}$	6	$4\frac{1}{1}$	20	$5\frac{3}{8}-\frac{1}{16}$
5	$7\frac{5}{8}$	18	$2\frac{1}{4}-\frac{1}{16}$	6	0	19	$4\frac{1}{8}$	6	$4\frac{3}{8}$	20	$5\frac{3}{4}-\frac{1}{16}$
5	$7\frac{3}{4}$	18	$2\frac{5}{8}-\frac{1}{16}$	6	$0\frac{1}{8}$	19	$4\frac{1}{2}$	6	$4\frac{1}{2}$	20	$6\frac{1}{8}-\frac{1}{16}$
5	$7\frac{7}{8}$	18	$3\frac{1}{8}$	6	$0\frac{1}{4}$	19	$4\frac{7}{8}$	6	$4\frac{5}{8}$	20	$6\frac{1}{2}-\frac{1}{16}$
5	8	18	$3\frac{1}{2}$	6	$0\frac{3}{8}$	19	$5\frac{1}{4}-\frac{1}{16}$	6	$4\frac{3}{4}$	20	7
5	$8\frac{1}{8}$	18	$3\frac{7}{8}$	6	$0\frac{1}{2}$	19	$5\frac{5}{8}-\frac{1}{16}$	6	$4\frac{7}{8}$	20	$7\frac{3}{8}$
5	$8\frac{1}{4}$	18	$4\frac{1}{4}-\frac{1}{16}$	6	$0\frac{5}{8}$	19	$6-\frac{1}{16}$	6	5	20	$7\frac{3}{4}-\frac{1}{16}$
5	$8\frac{3}{8}$	18	$4\frac{5}{8}-\frac{1}{16}$	6	$0\frac{3}{4}$	19	$6\frac{3}{8}-\frac{1}{16}$	6	$5\frac{1}{8}$	20	$8\frac{1}{8}-\frac{1}{16}$
5	$8\frac{1}{2}$	18	$5\frac{1}{8}$	6	$0\frac{7}{8}$	19	$6\frac{3}{4}-\frac{1}{16}$	6	$5\frac{1}{4}$	20	$8\frac{1}{2}-\frac{1}{16}$
5	$8\frac{5}{8}$	18	$5\frac{1}{2}$	6	1	19	$7\frac{1}{8}-\frac{1}{16}$	6	$5\frac{3}{8}$	20	9
5	$8\frac{3}{4}$	18	$5\frac{7}{8}$	6	$1\frac{1}{8}$	19	$7\frac{1}{2}-\frac{1}{16}$	6	$5\frac{1}{2}$	20	$9\frac{3}{8}$
5	$8\frac{7}{8}$	18	$6\frac{1}{4}-\frac{1}{16}$	6	$1\frac{1}{4}$	19	8	6	$5\frac{5}{8}$	20	$9\frac{3}{4}$
5	9	18	$6\frac{5}{8}-\frac{1}{16}$	6	$1\frac{3}{8}$	19	$8\frac{3}{8}$	6	$5\frac{3}{4}$	20	$10\frac{1}{8}$
5	$9\frac{1}{8}$	18	$7\frac{1}{16}$	6	$1\frac{1}{2}$	19	$8\frac{3}{4}-\frac{1}{16}$	6	$5\frac{7}{8}$	20	$10\frac{1}{2}$
5	$9\frac{1}{4}$	18	$7\frac{3}{8}-\frac{1}{16}$	6	$1\frac{5}{8}$	19	$9\frac{1}{8}-\frac{1}{16}$	6	6	20	$10\frac{7}{8}$
5	$9\frac{3}{8}$	18	$7\frac{3}{4}-\frac{1}{16}$	6	$1\frac{3}{4}$	19	$9\frac{1}{2}-\frac{1}{16}$	6	$6\frac{1}{8}$	20	$11\frac{1}{4}-\frac{1}{16}$
5	$9\frac{1}{2}$	18	$8\frac{1}{8}-\frac{1}{16}$	6	$1\frac{7}{8}$	19	10	6	$6\frac{1}{4}$	20	$11\frac{5}{8}-\frac{1}{16}$
5	$9\frac{5}{8}$	18	$8\frac{1}{2}-\frac{1}{16}$	6	2	19	$10\frac{3}{8}$	6	$6\frac{3}{8}$	21	$0\frac{1}{8}$
5	$9\frac{3}{4}$	18	9	6	$2\frac{1}{8}$	19	$10\frac{3}{4}-\frac{1}{16}$	6	$6\frac{1}{2}$	21	$0\frac{1}{2}$
5	$9\frac{7}{8}$	18	$9\frac{3}{8}$	6	$2\frac{1}{4}$	19	$11\frac{1}{8}-\frac{1}{16}$	6	$6\frac{5}{8}$	21	$0\frac{7}{8}$
5	10	18	$9\frac{3}{4}-\frac{1}{16}$	6	$2\frac{3}{8}$	19	$11\frac{1}{2}-\frac{1}{16}$	6	$6\frac{3}{4}$	21	$1\frac{1}{4}-\frac{1}{16}$
5	$10\frac{1}{8}$	18	$10\frac{1}{8}-\frac{1}{16}$	6	$2\frac{1}{2}$	19	$11\frac{7}{8}-\frac{1}{16}$	6	$6\frac{7}{8}$	21	$1\frac{5}{8}-\frac{1}{16}$
5	$10\frac{1}{4}$	18	$10\frac{1}{2}-\frac{1}{16}$	6	$2\frac{5}{8}$	20	$0\frac{1}{4}-\frac{1}{16}$	6	7	21	$2\frac{1}{8}$
5	$10\frac{3}{8}$	18	11	6	$2\frac{3}{4}$	20	$0\frac{5}{8}-\frac{1}{16}$	6	$7\frac{1}{8}$	21	$2\frac{1}{2}$
5	$10\frac{1}{2}$	18	$11\frac{3}{8}$	6	$2\frac{7}{8}$	20	$1\frac{1}{8}$	6	$7\frac{1}{4}$	21	$2\frac{7}{8}$
5	$10\frac{5}{8}$	18	$11\frac{3}{4}-\frac{1}{16}$	6	3	20	$1\frac{1}{2}$	6	$7\frac{3}{8}$	21	$3\frac{1}{4}$
5	$10\frac{3}{4}$	19	$0\frac{1}{8}-\frac{1}{16}$	6	$3\frac{1}{8}$	20	$1\frac{7}{8}$	6	$7\frac{1}{2}$	21	$3\frac{5}{8}$
5	$10\frac{7}{8}$	19	$0\frac{1}{2}-\frac{1}{16}$	6	$3\frac{1}{4}$	20	$2\frac{1}{4}-\frac{1}{16}$	6	$7\frac{5}{8}$	21	4
5	11	19	$0\frac{7}{8}-\frac{1}{16}$	6	$3\frac{3}{8}$	20	$2\frac{5}{8}-\frac{1}{16}$	6	$7\frac{3}{4}$	21	$4\frac{3}{8}$
5	$11\frac{1}{8}$	19	$1\frac{1}{4}-\frac{1}{16}$	6	$3\frac{1}{2}$	20	$3\frac{1}{8}$	6	$7\frac{7}{8}$	21	$4\frac{3}{4}-\frac{1}{16}$
5	$11\frac{1}{4}$	19	$1\frac{5}{8}-\frac{1}{16}$	6	$3\frac{5}{8}$	20	$3\frac{1}{2}$	6	8	21	$5\frac{1}{8}-\frac{1}{16}$
5	$11\frac{3}{8}$	19	$2\frac{1}{8}$	6	$3\frac{3}{4}$	20	$3\frac{7}{8}$	6	$8\frac{1}{8}$	21	$5\frac{1}{2}-\frac{1}{16}$
5	$11\frac{1}{2}$	19	$2\frac{1}{2}$	6	$3\frac{7}{8}$	20	$4\frac{1}{4}-\frac{1}{16}$	6	$8\frac{1}{4}$	21	6
5	$11\frac{5}{8}$	19	$2\frac{7}{8}$	6	4	20	$4\frac{5}{8}-\frac{1}{16}$	6	$8\frac{3}{8}$	21	$6\frac{3}{8}$
5	$11\frac{3}{4}$	19	$3\frac{1}{4}-\frac{1}{16}$	6	$4\frac{1}{8}$	20	$5-\frac{1}{16}$	6	$8\frac{1}{2}$	21	$6\frac{3}{4}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
6	$8\frac{5}{8}$	21	$7\frac{1}{8}-\frac{1}{16}$	7	1	22	$8\frac{7}{8}$	7	$5\frac{3}{8}$	23	$10\frac{5}{8}-\frac{1}{16}$
6	$8\frac{3}{4}$	21	$7\frac{1}{2}-\frac{1}{16}$	7	$1\frac{1}{8}$	22	$9\frac{1}{4}-\frac{1}{16}$	7	$5\frac{1}{2}$	23	$11\frac{1}{16}$
6	$8\frac{7}{8}$	21	8	7	$1\frac{1}{4}$	22	$9\frac{5}{8}-\frac{1}{16}$	7	$5\frac{5}{8}$	23	$11\frac{3}{8}-\frac{1}{16}$
6	9	21	$8\frac{3}{8}$	7	$1\frac{3}{8}$	22	$10\frac{1}{8}$	7	$5\frac{3}{4}$	23	$11\frac{3}{4}-\frac{1}{16}$
6	$9\frac{1}{8}$	21	$8\frac{3}{4}$	7	$1\frac{1}{2}$	22	$10\frac{1}{2}$	7	$5\frac{7}{8}$	24	$0\frac{1}{8}-\frac{1}{16}$
6	$9\frac{1}{4}$	21	$9\frac{1}{8}$	7	$1\frac{5}{8}$	22	$10\frac{7}{8}$	7	6	24	$0\frac{1}{2}-\frac{1}{16}$
6	$9\frac{3}{8}$	21	$9\frac{1}{2}$	7	$1\frac{3}{4}$	22	$11\frac{1}{4}-\frac{1}{16}$	7	$6\frac{1}{8}$	24	1
6	$9\frac{1}{2}$	21	$9\frac{7}{8}$	7	$1\frac{7}{8}$	22	$11\frac{5}{8}-\frac{1}{16}$	7	$6\frac{1}{4}$	24	$1\frac{3}{8}$
6	$9\frac{5}{8}$	21	$10\frac{1}{4}-\frac{1}{16}$	7	2	23	$0\frac{1}{8}$	7	$6\frac{3}{8}$	24	$1\frac{3}{4}-\frac{1}{16}$
6	$9\frac{3}{4}$	21	$10\frac{5}{8}-\frac{1}{16}$	7	$2\frac{1}{8}$	23	$0\frac{1}{2}$	7	$6\frac{1}{2}$	24	$2\frac{1}{8}-\frac{1}{16}$
6	$9\frac{7}{8}$	21	$11\frac{1}{8}$	7	$2\frac{1}{4}$	23	$0\frac{7}{8}$	7	$6\frac{5}{8}$	24	$2\frac{1}{2}-\frac{1}{16}$
6	10	21	$11\frac{1}{2}$	7	$2\frac{3}{8}$	23	$1\frac{1}{4}$	7	$6\frac{3}{4}$	24	3
6	$10\frac{1}{8}$	21	$11\frac{7}{8}$	7	$2\frac{1}{2}$	23	$1\frac{5}{8}$	7	$6\frac{7}{8}$	24	$3\frac{3}{8}$
6	$10\frac{1}{4}$	22	$0\frac{1}{4}-\frac{1}{16}$	7	$2\frac{5}{8}$	23	2	7	7	24	$3\frac{3}{4}-\frac{1}{16}$
6	$10\frac{3}{8}$	22	$0\frac{5}{8}-\frac{1}{16}$	7	$2\frac{3}{4}$	23	$2\frac{3}{8}$	7	$7\frac{1}{8}$	24	$4\frac{1}{8}-\frac{1}{16}$
6	$10\frac{1}{2}$	22	$1\frac{1}{8}$	7	$2\frac{7}{8}$	23	$2\frac{3}{4}-\frac{1}{16}$	7	$7\frac{1}{4}$	24	$4\frac{1}{2}-\frac{1}{16}$
6	$10\frac{5}{8}$	22	$1\frac{1}{2}$	7	3	23	$3\frac{1}{8}-\frac{1}{16}$	7	$7\frac{3}{8}$	24	5
6	$10\frac{3}{4}$	22	$1\frac{7}{8}$	7	$3\frac{1}{8}$	23	$3\frac{1}{2}-\frac{1}{16}$	7	$7\frac{1}{2}$	24	$5\frac{3}{8}$
6	$10\frac{7}{8}$	22	$2\frac{1}{4}$	7	$3\frac{1}{4}$	23	4	7	$7\frac{5}{8}$	24	$5\frac{3}{4}$
6	11	22	$2\frac{5}{8}$	7	$3\frac{3}{8}$	23	$4\frac{3}{8}$	7	$7\frac{3}{4}$	24	$6\frac{1}{8}$
6	$11\frac{1}{8}$	22	3	7	$3\frac{1}{2}$	23	$4\frac{3}{4}-\frac{1}{16}$	7	$7\frac{7}{8}$	24	$6\frac{1}{2}$
6	$11\frac{1}{4}$	22	$3\frac{3}{8}$	7	$3\frac{5}{8}$	23	$5\frac{1}{8}-\frac{1}{16}$	7	8	24	$6\frac{7}{8}$
6	$11\frac{3}{8}$	22	$3\frac{3}{4}-\frac{1}{16}$	7	$3\frac{3}{4}$	23	$5\frac{1}{2}-\frac{1}{16}$	7	$8\frac{1}{8}$	24	$7\frac{1}{4}-\frac{1}{16}$
6	$11\frac{1}{2}$	22	$4\frac{1}{8}-\frac{1}{16}$	7	$3\frac{7}{8}$	23	6	7	$8\frac{1}{4}$	24	$7\frac{5}{8}-\frac{1}{16}$
6	$11\frac{5}{8}$	22	$4\frac{1}{2}-\frac{1}{16}$	7	4	23	$6\frac{3}{8}$	7	$8\frac{3}{8}$	24	$8\frac{1}{8}$
6	$11\frac{3}{4}$	22	5	7	$4\frac{1}{8}$	23	$6\frac{3}{4}$	7	$8\frac{1}{2}$	24	$8\frac{1}{2}$
6	$11\frac{7}{8}$	22	$5\frac{3}{8}$	7	$4\frac{1}{4}$	23	$7\frac{1}{8}$	7	$8\frac{5}{8}$	24	$8\frac{7}{8}$
7	0	22	$5\frac{3}{4}-\frac{1}{16}$	7	$4\frac{3}{8}$	23	$7\frac{1}{2}$	7	$8\frac{3}{4}$	24	$9\frac{1}{4}-\frac{1}{16}$
7	$0\frac{1}{8}$	22	$6\frac{1}{8}-\frac{1}{16}$	7	$4\frac{1}{2}$	23	$7\frac{7}{8}$	7	$8\frac{7}{8}$	24	$9\frac{5}{8}-\frac{1}{16}$
7	$0\frac{1}{4}$	22	$6\frac{1}{2}-\frac{1}{16}$	7	$4\frac{5}{8}$	23	$8\frac{1}{4}-\frac{1}{16}$	7	9	24	$10\frac{1}{16}$
7	$0\frac{3}{8}$	22	7	7	$4\frac{3}{4}$	23	$8\frac{5}{8}-\frac{1}{16}$	7	$9\frac{1}{8}$	24	$10\frac{5}{8}-\frac{1}{16}$
7	$0\frac{1}{2}$	22	$7\frac{3}{8}$	7	$4\frac{7}{8}$	23	$9\frac{1}{16}$	7	$9\frac{1}{4}$	24	$10\frac{3}{4}-\frac{1}{16}$
7	$0\frac{5}{8}$	22	$7\frac{3}{4}$	7	5	23	$9\frac{1}{2}$	7	$9\frac{3}{8}$	24	$11\frac{1}{8}-\frac{1}{16}$
7	$0\frac{3}{4}$	22	$8\frac{1}{8}$	7	$5\frac{1}{8}$	23	$9\frac{7}{8}$	7	$9\frac{1}{2}$	24	$11\frac{1}{2}-\frac{1}{16}$
7	$0\frac{7}{8}$	22	$8\frac{1}{2}$	7	$5\frac{1}{4}$	23	$10\frac{1}{4}-\frac{1}{16}$	7	$9\frac{5}{8}$	25	0

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
7	$9\frac{3}{4}$	25	$0\frac{3}{8}$	8	$2\frac{1}{8}$	26	$2\frac{1}{8}$-$\frac{1}{16}$	8	$6\frac{1}{2}$	27	$3\frac{7}{8}$
7	$9\frac{7}{8}$	25	$0\frac{3}{4}$-$\frac{1}{16}$	8	$2\frac{1}{4}$	26	$2\frac{1}{2}$-$\frac{1}{16}$	8	$6\frac{5}{8}$	27	$4\frac{1}{4}$
7	10	25	$1\frac{1}{8}$-$\frac{1}{16}$	8	$2\frac{3}{8}$	26	$2\frac{7}{8}$-$\frac{1}{16}$	8	$6\frac{3}{4}$	27	$4\frac{5}{8}$-$\frac{1}{16}$
7	$10\frac{1}{8}$	25	$1\frac{1}{2}$-$\frac{1}{16}$	8	$2\frac{1}{2}$	26	$3\frac{1}{4}$-$\frac{1}{16}$	8	$6\frac{7}{8}$	27	$5\frac{1}{16}$
7	$10\frac{1}{4}$	25	2	8	$2\frac{5}{8}$	26	$3\frac{5}{8}$-$\frac{1}{16}$	8	7	27	$5\frac{3}{8}$-$\frac{1}{16}$
7	$10\frac{3}{8}$	25	$2\frac{3}{8}$	8	$2\frac{3}{4}$	26	$4\frac{1}{8}$	8	$7\frac{1}{8}$	27	$5\frac{3}{4}$-$\frac{1}{16}$
7	$10\frac{1}{2}$	25	$2\frac{3}{4}$-$\frac{1}{16}$	8	$2\frac{7}{8}$	26	$4\frac{1}{2}$	8	$7\frac{1}{4}$	27	$6\frac{1}{4}$
7	$10\frac{5}{8}$	25	$3\frac{1}{8}$-$\frac{1}{16}$	8	3	26	$4\frac{7}{8}$	8	$7\frac{3}{8}$	27	$6\frac{5}{8}$
7	$10\frac{3}{4}$	25	$3\frac{1}{2}$-$\frac{1}{16}$	8	$3\frac{1}{8}$	26	$5\frac{1}{4}$-$\frac{1}{16}$	8	$7\frac{1}{2}$	27	7
7	$10\frac{7}{8}$	25	$3\frac{7}{8}$-$\frac{1}{16}$	8	$3\frac{1}{4}$	26	$5\frac{5}{8}$-$\frac{1}{16}$	8	$7\frac{5}{8}$	27	$7\frac{3}{8}$-$\frac{1}{16}$
7	11	25	$4\frac{1}{4}$-$\frac{1}{16}$	8	$3\frac{3}{8}$	26	$6\frac{1}{16}$	8	$7\frac{3}{4}$	27	$7\frac{3}{4}$-$\frac{1}{16}$
7	$11\frac{1}{8}$	25	$4\frac{5}{8}$-$\frac{1}{16}$	8	$3\frac{1}{2}$	26	$6\frac{3}{8}$-$\frac{1}{16}$	8	$7\frac{7}{8}$	27	$8\frac{1}{8}$-$\frac{1}{16}$
7	$11\frac{1}{4}$	25	$5\frac{1}{8}$	8	$3\frac{5}{8}$	26	$6\frac{3}{4}$-$\frac{1}{16}$	8	8	27	$8\frac{1}{2}$-$\frac{1}{16}$
7	$11\frac{3}{8}$	25	$5\frac{1}{2}$	8	$3\frac{3}{4}$	26	$7\frac{1}{4}$	8	$8\frac{1}{8}$	27	9
7	$11\frac{1}{2}$	25	$5\frac{7}{8}$	8	$3\frac{7}{8}$	26	$7\frac{5}{8}$	8	$8\frac{1}{4}$	27	$9\frac{3}{8}$
7	$11\frac{5}{8}$	25	$6\frac{1}{4}$-$\frac{1}{16}$	8	4	26	8	8	$8\frac{3}{8}$	27	$9\frac{3}{4}$
7	$11\frac{3}{4}$	25	$6\frac{5}{8}$-$\frac{1}{16}$	8	$4\frac{1}{8}$	26	$8\frac{3}{8}$-$\frac{1}{16}$	8	$8\frac{1}{2}$	27	$10\frac{1}{8}$
7	$11\frac{7}{8}$	25	$7\frac{1}{8}$	8	$4\frac{1}{4}$	26	$8\frac{3}{4}$-$\frac{1}{16}$	8	$8\frac{5}{8}$	27	$10\frac{1}{2}$
8	0	25	$7\frac{1}{2}$	8	$4\frac{3}{8}$	26	$9\frac{1}{8}$-$\frac{1}{16}$	8	$8\frac{3}{4}$	27	$10\frac{7}{8}$-$\frac{1}{16}$
8	$0\frac{1}{8}$	25	$7\frac{7}{8}$	8	$4\frac{1}{2}$	26	$9\frac{1}{2}$-$\frac{1}{16}$	8	$8\frac{7}{8}$	27	$11\frac{1}{4}$-$\frac{1}{16}$
8	$0\frac{1}{4}$	25	$8\frac{1}{4}$-$\frac{1}{16}$	8	$4\frac{5}{8}$	26	10	8	9	27	$11\frac{3}{4}$
8	$0\frac{3}{8}$	25	$8\frac{5}{8}$-$\frac{1}{16}$	8	$4\frac{3}{4}$	26	$10\frac{3}{8}$	8	$9\frac{1}{8}$	28	$0\frac{1}{8}$
8	$0\frac{1}{2}$	25	$9\frac{1}{16}$	8	$4\frac{7}{8}$	26	$10\frac{3}{4}$	8	$9\frac{1}{4}$	28	$0\frac{1}{2}$
8	$0\frac{5}{8}$	25	$9\frac{3}{8}$-$\frac{1}{16}$	8	5	26	$11\frac{1}{8}$-$\frac{1}{16}$	8	$9\frac{3}{8}$	28	$0\frac{7}{8}$
8	$0\frac{3}{4}$	25	$9\frac{3}{4}$-$\frac{1}{16}$	8	$5\frac{1}{8}$	26	$11\frac{1}{2}$-$\frac{1}{16}$	8	$9\frac{1}{2}$	28	$1\frac{1}{4}$-$\frac{1}{16}$
8	$0\frac{7}{8}$	25	$10\frac{1}{8}$-$\frac{1}{16}$	8	$5\frac{1}{4}$	26	$11\frac{7}{8}$-$\frac{1}{16}$	8	$9\frac{5}{8}$	28	$1\frac{5}{8}$-$\frac{1}{16}$
8	1	25	$10\frac{1}{2}$-$\frac{1}{16}$	8	$5\frac{3}{8}$	27	$0\frac{1}{4}$-$\frac{1}{16}$	8	$9\frac{3}{4}$	28	$2\frac{1}{16}$
8	$1\frac{1}{8}$	25	11	8	$5\frac{1}{2}$	27	$0\frac{5}{8}$-$\frac{1}{16}$	8	$9\frac{7}{8}$	28	$2\frac{1}{2}$
8	$1\frac{1}{4}$	25	$11\frac{3}{8}$	8	$5\frac{5}{8}$	27	$1\frac{1}{16}$	8	10	28	$2\frac{7}{8}$
8	$1\frac{3}{8}$	25	$11\frac{3}{4}$-$\frac{1}{16}$	8	$5\frac{3}{4}$	27	$1\frac{1}{2}$	8	$10\frac{1}{8}$	28	$3\frac{1}{4}$
8	$1\frac{1}{2}$	26	$0\frac{1}{8}$-$\frac{1}{16}$	8	$5\frac{7}{8}$	27	$1\frac{7}{8}$-$\frac{1}{16}$	8	$10\frac{1}{4}$	28	$3\frac{5}{8}$
8	$1\frac{5}{8}$	26	$0\frac{1}{2}$-$\frac{1}{16}$	8	6	27	$2\frac{1}{4}$-$\frac{1}{16}$	8	$10\frac{3}{8}$	28	4
8	$1\frac{3}{4}$	26	1	8	$6\frac{1}{8}$	27	$2\frac{5}{8}$-$\frac{1}{16}$	8	$10\frac{1}{2}$	28	$4\frac{3}{8}$-$\frac{1}{16}$
8	$1\frac{7}{8}$	26	$1\frac{3}{8}$	8	$6\frac{1}{4}$	27	$3\frac{1}{16}$	8	$10\frac{5}{8}$	28	$4\frac{7}{8}$
8	2	26	$1\frac{3}{4}$-$\frac{1}{16}$	8	$6\frac{3}{8}$	27	$3\frac{1}{2}$	8	$10\frac{3}{4}$	28	$5\frac{1}{4}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{16}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
8	$10\frac{7}{8}$	28	$5\frac{5}{8}$	9	$3\frac{1}{4}$	29	$7\frac{3}{8}$	9	$7\frac{5}{8}$	30	$9\frac{1}{8}$
8	11	28	6	9	$3\frac{3}{8}$	29	$7\frac{3}{4}$	9	$7\frac{3}{4}$	30	$9\frac{1}{2}$
8	$11\frac{1}{8}$	28	$6\frac{3}{8}$	9	$3\frac{1}{2}$	29	$8\frac{1}{8}$	9	$7\frac{7}{8}$	30	$9\frac{7}{8}$
8	$11\frac{1}{4}$	28	$6\frac{3}{4}$-$\frac{1}{16}$	9	$3\frac{5}{8}$	29	$8\frac{1}{2}$-$\frac{1}{16}$	9	8	30	$10\frac{1}{4}$
8	$11\frac{3}{8}$	28	$7\frac{1}{8}$-$\frac{1}{16}$	9	$3\frac{3}{4}$	29	$8\frac{7}{8}$-$\frac{1}{16}$	9	$8\frac{1}{8}$	30	$10\frac{5}{8}$-$\frac{1}{16}$
8	$11\frac{1}{2}$	28	$7\frac{1}{2}$-$\frac{1}{16}$	9	$3\frac{7}{8}$	29	$9\frac{1}{4}$-$\frac{1}{16}$	9	$8\frac{1}{4}$	30	$11\frac{1}{16}$
8	$11\frac{5}{8}$	28	8	9	4	29	$9\frac{3}{4}$	9	$8\frac{3}{8}$	30	$11\frac{3}{8}$-$\frac{1}{16}$
8	$11\frac{3}{4}$	28	$8\frac{3}{8}$	9	$4\frac{1}{8}$	29	$10\frac{1}{8}$	9	$8\frac{1}{2}$	30	$11\frac{3}{4}$-$\frac{1}{16}$
8	$11\frac{7}{8}$	28	$8\frac{3}{4}$	9	$4\frac{1}{4}$	29	$10\frac{1}{2}$	9	$8\frac{5}{8}$	31	$0\frac{1}{4}$
9	0	28	$9\frac{1}{8}$	9	$4\frac{3}{8}$	29	$10\frac{7}{8}$	9	$8\frac{3}{4}$	31	$0\frac{5}{8}$
9	$0\frac{1}{8}$	28	$9\frac{1}{2}$	9	$4\frac{1}{2}$	29	$11\frac{1}{4}$-$\frac{1}{16}$	9	$8\frac{7}{8}$	31	1
9	$0\frac{1}{4}$	28	$9\frac{7}{8}$-$\frac{1}{16}$	9	$4\frac{5}{8}$	29	$11\frac{5}{8}$-$\frac{1}{16}$	9	9	31	$1\frac{3}{8}$-$\frac{1}{16}$
9	$0\frac{3}{8}$	28	$10\frac{1}{4}$-$\frac{1}{16}$	9	$4\frac{3}{4}$	30	$0\frac{1}{16}$	9	$9\frac{1}{8}$	31	$1\frac{3}{4}$-$\frac{1}{16}$
9	$0\frac{1}{2}$	28	$10\frac{3}{4}$	9	$4\frac{7}{8}$	30	$0\frac{3}{8}$-$\frac{1}{16}$	9	$9\frac{1}{4}$	31	$2\frac{1}{4}$
9	$0\frac{5}{8}$	28	$11\frac{1}{8}$	9	5	30	$0\frac{7}{8}$	9	$9\frac{3}{8}$	31	$2\frac{5}{8}$
9	$0\frac{3}{4}$	28	$11\frac{1}{2}$	9	$5\frac{1}{8}$	30	$1\frac{1}{4}$	9	$9\frac{1}{2}$	31	3
9	$0\frac{7}{8}$	28	$11\frac{7}{8}$	9	$5\frac{1}{4}$	30	$1\frac{5}{8}$	9	$9\frac{5}{8}$	31	$3\frac{3}{8}$
9	1	29	$0\frac{1}{4}$-$\frac{1}{16}$	9	$5\frac{3}{8}$	30	2	9	$9\frac{3}{4}$	31	$3\frac{3}{4}$
9	$1\frac{1}{8}$	29	$0\frac{5}{8}$-$\frac{1}{16}$	9	$5\frac{1}{2}$	30	$2\frac{3}{8}$-$\frac{1}{16}$	9	$9\frac{7}{8}$	31	$4\frac{1}{8}$
9	$1\frac{1}{4}$	29	$1\frac{1}{16}$	9	$5\frac{5}{8}$	30	$2\frac{3}{4}$-$\frac{1}{16}$	9	10	31	$4\frac{1}{2}$-$\frac{1}{16}$
9	$1\frac{3}{8}$	29	$1\frac{1}{2}$	9	$5\frac{3}{4}$	30	$3\frac{1}{4}$	9	$10\frac{1}{8}$	31	5
9	$1\frac{1}{2}$	29	$1\frac{7}{8}$	9	$5\frac{7}{8}$	30	$3\frac{5}{8}$	9	$10\frac{1}{4}$	31	$5\frac{3}{8}$
9	$1\frac{5}{8}$	29	$2\frac{1}{4}$	9	6	30	4	9	$10\frac{3}{8}$	31	$5\frac{3}{4}$
9	$1\frac{3}{4}$	29	$2\frac{5}{8}$	9	$6\frac{1}{8}$	30	$4\frac{3}{8}$	9	$10\frac{1}{2}$	31	$6\frac{1}{8}$
9	$1\frac{7}{8}$	29	3	9	$6\frac{1}{4}$	30	$4\frac{3}{4}$	9	$10\frac{5}{8}$	31	$6\frac{1}{2}$
9	2	29	$3\frac{3}{8}$-$\frac{1}{16}$	9	$6\frac{3}{8}$	30	$5\frac{1}{8}$-$\frac{1}{16}$	9	$10\frac{3}{4}$	31	$6\frac{7}{8}$-$\frac{1}{16}$
9	$2\frac{1}{8}$	29	$3\frac{3}{4}$-$\frac{1}{16}$	9	$6\frac{1}{2}$	30	$5\frac{1}{2}$-$\frac{1}{16}$	9	$10\frac{7}{8}$	31	$7\frac{1}{4}$-$\frac{1}{16}$
9	$2\frac{1}{4}$	29	$4\frac{1}{4}$	9	$6\frac{5}{8}$	30	6	9	11	31	$7\frac{5}{8}$-$\frac{1}{16}$
9	$2\frac{3}{8}$	29	$4\frac{5}{8}$	9	$6\frac{3}{4}$	30	$6\frac{3}{8}$	9	$11\frac{1}{8}$	31	$8\frac{1}{8}$
9	$2\frac{1}{2}$	29	5	9	$6\frac{7}{8}$	30	$6\frac{3}{4}$	9	$11\frac{1}{4}$	31	$8\frac{1}{2}$
9	$2\frac{5}{8}$	29	$5\frac{3}{8}$	9	7	30	$7\frac{1}{8}$	9	$11\frac{3}{8}$	31	$8\frac{7}{8}$
9	$2\frac{3}{4}$	29	$5\frac{3}{4}$-$\frac{1}{16}$	9	$7\frac{1}{8}$	30	$7\frac{1}{2}$	9	$11\frac{1}{2}$	31	$9\frac{1}{4}$
9	$2\frac{7}{8}$	29	$6\frac{1}{8}$-$\frac{1}{16}$	9	$7\frac{1}{4}$	30	$7\frac{7}{8}$-$\frac{1}{16}$	9	$11\frac{5}{8}$	31	$9\frac{5}{8}$-$\frac{1}{16}$
9	3	29	$6\frac{1}{2}$-$\frac{1}{16}$	9	$7\frac{3}{8}$	30	$8\frac{1}{4}$-$\frac{1}{16}$	9	$11\frac{3}{4}$	31	$10\frac{1}{16}$
9	$3\frac{1}{8}$	29	7	9	$7\frac{1}{2}$	30	$8\frac{3}{4}$	9	$11\frac{7}{8}$	31	$10\frac{3}{8}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In	Ft.	In.
10	0	31	$10\frac{7}{8}$	10	$4\frac{3}{8}$	33	$0\frac{5}{8}$	10	$8\frac{3}{4}$	34	$2\frac{1}{4}-\frac{1}{16}$
10	$0\frac{1}{8}$	31	$11\frac{1}{4}$	10	$4\frac{1}{2}$	33	1	10	$8\frac{7}{8}$	34	$2\frac{3}{4}$
10	$0\frac{1}{4}$	31	$11\frac{5}{8}$	10	$4\frac{5}{8}$	33	$1\frac{3}{8}$	10	9	34	$3\frac{1}{8}$
10	$0\frac{3}{8}$	32	0	10	$4\frac{3}{4}$	33	$1\frac{3}{4}$	10	$9\frac{1}{8}$	34	$3\frac{1}{2}$
10	$0\frac{1}{2}$	32	$0\frac{3}{8}-\frac{1}{16}$	10	$4\frac{7}{8}$	33	$2\frac{1}{8}-\frac{1}{16}$	10	$9\frac{1}{4}$	34	$3\frac{7}{8}-\frac{1}{16}$
10	$0\frac{5}{8}$	32	$0\frac{3}{4}-\frac{1}{16}$	10	5	33	$2\frac{1}{2}-\frac{1}{16}$	10	$9\frac{3}{8}$	34	$4\frac{1}{4}-\frac{1}{16}$
10	$0\frac{3}{4}$	32	$1\frac{1}{8}-\frac{1}{16}$	10	$5\frac{1}{8}$	33	3	10	$9\frac{1}{2}$	34	$4\frac{5}{8}-\frac{1}{16}$
10	$0\frac{7}{8}$	32	$1\frac{5}{8}$	10	$5\frac{1}{4}$	33	$3\frac{3}{8}$	10	$9\frac{5}{8}$	34	$5-\frac{1}{16}$
10	1	32	2	10	$5\frac{3}{8}$	33	$3\frac{3}{4}$	10	$9\frac{3}{4}$	34	$5\frac{1}{2}$
10	$1\frac{1}{8}$	32	$2\frac{3}{8}$	10	$5\frac{1}{2}$	33	$4\frac{1}{8}$	10	$9\frac{7}{8}$	34	$5\frac{7}{8}$
10	$1\frac{1}{4}$	32	$2\frac{3}{4}-\frac{1}{16}$	10	$5\frac{5}{8}$	33	$4\frac{1}{2}$	10	10	34	$6\frac{1}{4}$
10	$1\frac{3}{8}$	32	$3\frac{1}{8}-\frac{1}{16}$	10	$5\frac{3}{4}$	33	$4\frac{7}{8}$	10	$10\frac{1}{8}$	34	$6\frac{3}{8}-\frac{1}{16}$
10	$1\frac{1}{2}$	32	$3\frac{1}{2}-\frac{1}{16}$	10	$5\frac{7}{8}$	33	$5\frac{1}{4}-\frac{1}{16}$	10	$10\frac{1}{4}$	34	$7-\frac{1}{16}$
10	$1\frac{5}{8}$	32	$3\frac{7}{8}-\frac{1}{16}$	10	6	33	$5\frac{5}{8}-\frac{1}{16}$	10	$10\frac{3}{8}$	34	$7\frac{3}{8}-\frac{1}{16}$
10	$1\frac{3}{4}$	32	$4\frac{3}{8}$	10	$6\frac{1}{8}$	33	$6\frac{1}{16}$	10	$10\frac{1}{2}$	34	$7\frac{3}{4}-\frac{1}{16}$
10	$1\frac{7}{8}$	32	$4\frac{3}{4}$	10	$6\frac{1}{4}$	33	$6\frac{1}{2}$	10	$10\frac{5}{8}$	34	$8\frac{1}{4}$
10	2	32	$5\frac{1}{8}$	10	$6\frac{3}{8}$	33	$6\frac{7}{8}$	10	$10\frac{3}{4}$	34	$8\frac{5}{8}$
10	$2\frac{1}{8}$	32	$5\frac{1}{2}$	10	$6\frac{1}{2}$	33	$7\frac{1}{4}$	10	$10\frac{7}{8}$	34	9
10	$2\frac{1}{4}$	32	$5\frac{7}{8}-\frac{1}{16}$	10	$6\frac{5}{8}$	33	$7\frac{3}{8}-\frac{1}{16}$	10	11	34	$9\frac{3}{8}$
10	$2\frac{3}{8}$	32	$6\frac{1}{4}-\frac{1}{16}$	10	$6\frac{3}{4}$	33	$8\frac{1}{16}$	10	$11\frac{1}{8}$	34	$9\frac{3}{4}-\frac{1}{16}$
10	$2\frac{1}{2}$	32	$6\frac{5}{8}-\frac{1}{16}$	10	$6\frac{7}{8}$	33	$8\frac{3}{8}-\frac{1}{16}$	10	$11\frac{1}{4}$	34	$10\frac{1}{8}-\frac{1}{16}$
10	$2\frac{5}{8}$	32	$7\frac{1}{8}$	10	7	33	$8\frac{7}{8}$	10	$11\frac{3}{8}$	34	$10\frac{1}{2}-\frac{1}{16}$
10	$2\frac{3}{4}$	32	$7\frac{1}{2}$	10	$7\frac{1}{8}$	33	$9\frac{1}{4}$	10	$11\frac{1}{2}$	34	11
10	$2\frac{7}{8}$	32	$7\frac{7}{8}$	10	$7\frac{1}{4}$	33	$9\frac{5}{8}$	10	$11\frac{5}{8}$	34	$11\frac{3}{8}$
10	3	32	$8\frac{1}{4}$	10	$7\frac{3}{8}$	33	10	10	$11\frac{3}{4}$	34	$11\frac{3}{4}$
10	$3\frac{1}{8}$	32	$8\frac{5}{8}-\frac{1}{16}$	10	$7\frac{1}{2}$	33	$10\frac{3}{8}-\frac{1}{16}$	10	$11\frac{7}{8}$	35	$0\frac{1}{8}$
10	$3\frac{1}{4}$	32	$9\frac{1}{16}$	10	$7\frac{5}{8}$	33	$10\frac{3}{4}-\frac{1}{16}$	11	0	35	$0\frac{1}{2}-\frac{1}{16}$
10	$3\frac{3}{8}$	32	$9\frac{3}{8}-\frac{1}{16}$	10	$7\frac{3}{4}$	33	$11\frac{1}{8}-\frac{1}{16}$	11	$0\frac{1}{8}$	35	$0\frac{7}{8}-\frac{1}{16}$
10	$3\frac{1}{2}$	32	$9\frac{3}{4}-\frac{1}{16}$	10	$7\frac{7}{8}$	33	$11\frac{1}{2}-\frac{1}{16}$	11	$0\frac{1}{4}$	35	$1\frac{1}{4}-\frac{1}{16}$
10	$3\frac{5}{8}$	32	$10\frac{1}{4}$	10	8	34	0	11	$0\frac{3}{8}$	35	$1\frac{3}{4}$
10	$3\frac{3}{4}$	32	$10\frac{5}{8}$	10	$8\frac{1}{8}$	34	$0\frac{3}{8}$	11	$0\frac{1}{2}$	35	$2\frac{1}{8}$
10	$3\frac{7}{8}$	32	11	10	$8\frac{1}{4}$	34	$0\frac{3}{4}$	11	$0\frac{5}{8}$	35	$2\frac{1}{2}$
10	4	32	$11\frac{3}{8}-\frac{1}{16}$	10	$8\frac{3}{8}$	34	$1\frac{1}{8}-\frac{1}{16}$	11	$0\frac{3}{4}$	35	$2\frac{7}{8}$
10	$4\frac{1}{8}$	32	$11\frac{3}{4}-\frac{1}{16}$	10	$8\frac{1}{2}$	34	$1\frac{1}{2}-\frac{1}{16}$	11	$0\frac{7}{8}$	35	$3\frac{1}{4}-\frac{1}{16}$
10	$4\frac{1}{4}$	33	$0\frac{1}{4}$	10	$8\frac{5}{8}$	34	$1\frac{7}{8}-\frac{1}{16}$	11	1	35	$3\frac{5}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
11	$1\frac{1}{8}$	35	$4-\frac{1}{16}$	11	$5\frac{1}{2}$	36	$5\frac{3}{4}-\frac{1}{16}$	11	$9\frac{7}{8}$	37	$7\frac{1}{2}-\frac{1}{16}$
11	$1\frac{1}{4}$	35	$4\frac{1}{2}$	11	$5\frac{3}{8}$	36	$6\frac{1}{4}$	11	10	37	$7\frac{7}{8}-\frac{1}{16}$
11	$1\frac{3}{8}$	35	$4\frac{7}{8}$	11	$5\frac{3}{4}$	36	$6\frac{5}{8}$	11	$10\frac{1}{8}$	37	$8\frac{3}{8}$
11	$1\frac{1}{2}$	35	$5\frac{1}{4}$	11	$5\frac{7}{8}$	36	7	11	$10\frac{1}{4}$	37	$8\frac{3}{4}$
11	$1\frac{5}{8}$	35	$5\frac{5}{8}$	11	6	36	$7\frac{3}{8}$	11	$10\frac{3}{8}$	37	$9\frac{1}{8}$
11	$1\frac{3}{4}$	35	$6-\frac{1}{16}$	11	$6\frac{1}{8}$	36	$7\frac{3}{4}-\frac{1}{16}$	11	$10\frac{1}{2}$	37	$9\frac{1}{2}$
11	$1\frac{7}{8}$	35	$6\frac{3}{8}-\frac{1}{16}$	11	$6\frac{1}{4}$	36	$8\frac{1}{8}-\frac{1}{16}$	11	$10\frac{3}{8}$	37	$9\frac{7}{8}$
11	2	35	$6\frac{3}{4}-\frac{1}{16}$	11	$6\frac{3}{8}$	36	$8\frac{1}{2}-\frac{1}{16}$	11	$10\frac{3}{4}$	37	$10\frac{1}{4}-\frac{1}{16}$
11	$2\frac{1}{8}$	35	$7\frac{1}{4}$	11	$6\frac{1}{2}$	36	9	11	$10\frac{7}{8}$	37	$10\frac{3}{4}$
11	$2\frac{1}{4}$	35	$7\frac{5}{8}$	11	$6\frac{5}{8}$	36	$9\frac{3}{8}$	11	11	37	$11\frac{1}{8}$
11	$2\frac{3}{8}$	35	8	11	$6\frac{3}{4}$	36	$9\frac{3}{4}$	11	$11\frac{1}{8}$	37	$11\frac{1}{2}$
11	$2\frac{1}{2}$	35	$8\frac{3}{8}-\frac{1}{16}$	11	$6\frac{7}{8}$	36	$10\frac{1}{8}$	11	$11\frac{1}{4}$	37	$11\frac{7}{8}-\frac{1}{16}$
11	$2\frac{5}{8}$	35	$8\frac{3}{4}-\frac{1}{16}$	11	7	36	$10\frac{1}{2}-\frac{1}{16}$	11	$11\frac{3}{8}$	38	$0\frac{1}{4}-\frac{1}{16}$
11	$2\frac{3}{4}$	35	$9\frac{1}{8}-\frac{1}{16}$	11	$7\frac{1}{8}$	36	$10\frac{7}{8}-\frac{1}{16}$	11	$11\frac{1}{2}$	38	$0\frac{3}{4}$
11	$2\frac{7}{8}$	35	$9\frac{1}{2}-\frac{1}{16}$	11	$7\frac{1}{4}$	36	$11\frac{1}{4}-\frac{1}{16}$	11	$11\frac{5}{8}$	38	$1\frac{1}{8}$
11	3	35	10	11	$7\frac{3}{8}$	36	$11\frac{3}{4}$	11	$11\frac{3}{4}$	38	$1\frac{1}{2}$
11	$3\frac{1}{8}$	35	$10\frac{3}{8}$	11	$7\frac{1}{2}$	37	$0\frac{1}{8}$	11	$11\frac{7}{8}$	38	$1\frac{7}{8}$
11	$3\frac{1}{4}$	35	$10\frac{3}{4}$	11	$7\frac{5}{8}$	37	$0\frac{1}{2}-\frac{1}{16}$	12	0	38	$2\frac{1}{4}$
11	$3\frac{3}{8}$	35	$11\frac{1}{8}$	11	$7\frac{3}{4}$	37	$0\frac{7}{8}$	12	$0\frac{1}{8}$	38	$2\frac{5}{8}$
11	$3\frac{1}{2}$	35	$11\frac{1}{2}-\frac{1}{16}$	11	$7\frac{7}{8}$	37	$1\frac{1}{4}-\frac{1}{16}$	12	$0\frac{1}{4}$	38	3
11	$3\frac{5}{8}$	35	$11\frac{7}{8}-\frac{1}{16}$	11	8	37	$1\frac{5}{8}-\frac{1}{16}$	12	$0\frac{3}{8}$	38	$3\frac{3}{8}$
11	$3\frac{3}{4}$	36	$0\frac{1}{4}-\frac{1}{16}$	11	$8\frac{1}{8}$	37	$2-\frac{1}{16}$	12	$0\frac{1}{2}$	38	$3\frac{3}{4}-\frac{1}{16}$
11	$3\frac{7}{8}$	36	$0\frac{5}{8}-\frac{1}{16}$	11	$8\frac{1}{4}$	37	$2\frac{3}{8}-\frac{1}{16}$	12	$0\frac{5}{8}$	38	$4\frac{1}{8}-\frac{1}{16}$
11	4	36	$1\frac{1}{8}$	11	$8\frac{3}{8}$	37	$2\frac{7}{8}$	12	$0\frac{3}{4}$	38	$4\frac{5}{8}$
11	$4\frac{1}{8}$	36	$1\frac{1}{2}$	11	$8\frac{1}{2}$	37	$3\frac{1}{4}$	12	$0\frac{7}{8}$	38	5
11	$4\frac{1}{4}$	36	$1\frac{7}{8}$	11	$8\frac{5}{8}$	37	$3\frac{5}{8}$	12	1	38	$5\frac{3}{8}$
11	$4\frac{3}{8}$	36	$2\frac{1}{4}-\frac{1}{16}$	11	$8\frac{3}{4}$	37	$4-\frac{1}{16}$	12	$1\frac{1}{8}$	38	$5\frac{3}{4}-\frac{1}{16}$
11	$4\frac{1}{2}$	36	$2\frac{5}{8}-\frac{1}{16}$	11	$8\frac{7}{8}$	37	$4\frac{3}{8}-\frac{1}{16}$	12	$1\frac{1}{4}$	38	$6\frac{1}{4}$
11	$4\frac{5}{8}$	36	$3-\frac{1}{16}$	11	9	37	$4\frac{3}{4}-\frac{1}{16}$	12	$1\frac{3}{8}$	38	$6\frac{5}{8}$
11	$4\frac{3}{4}$	36	$3\frac{1}{2}$	11	$9\frac{1}{8}$	37	$5\frac{1}{4}$	12	$1\frac{1}{2}$	38	7
11	$4\frac{7}{8}$	36	$3\frac{7}{8}$	11	$9\frac{1}{4}$	37	$5\frac{5}{8}$	12	$1\frac{5}{8}$	38	$7\frac{3}{8}$
11	5	36	$4\frac{1}{4}$	11	$9\frac{3}{8}$	37	6	12	$1\frac{3}{4}$	38	$7\frac{3}{4}$
11	$5\frac{1}{8}$	36	$4\frac{5}{8}$	11	$9\frac{1}{2}$	37	$6\frac{3}{8}$	12	$1\frac{7}{8}$	38	$8\frac{1}{8}$
11	$5\frac{1}{4}$	36	5	11	$9\frac{5}{8}$	37	$6\frac{3}{4}$	12	2	38	$8\frac{1}{2}-\frac{1}{16}$
11	$5\frac{3}{8}$	36	$5\frac{3}{8}-\frac{1}{16}$	11	$9\frac{3}{4}$	37	$7\frac{1}{8}-\frac{1}{16}$	12	$2\frac{1}{8}$	38	$8\frac{7}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
12	$2\frac{1}{4}$	38	$9\frac{1}{4}-\frac{1}{16}$	12	$5\frac{5}{8}$	39	$7\frac{7}{8}-\frac{1}{16}$	12	9	40	$6\frac{1}{2}$
12	$2\frac{3}{8}$	38	$9\frac{3}{4}$	12	$5\frac{3}{4}$	39	$8\frac{1}{4}-\frac{1}{16}$	12	$9\frac{1}{8}$	40	$6\frac{7}{8}-\frac{1}{16}$
12	$2\frac{1}{2}$	38	$10\frac{1}{8}$	12	$5\frac{7}{8}$	39	$8\frac{5}{8}-\frac{1}{16}$	12	$9\frac{1}{4}$	40	$7\frac{1}{4}-\frac{1}{16}$
12	$2\frac{5}{8}$	38	$10\frac{1}{2}$	12	6	39	$9\frac{1}{8}$	12	$9\frac{3}{4}$	40	$7\frac{3}{4}$
12	$2\frac{3}{4}$	38	$10\frac{7}{8}$	12	$6\frac{1}{8}$	39	$9\frac{1}{2}$	12	$9\frac{1}{2}$	40	$8\frac{1}{8}$
12	$2\frac{7}{8}$	38	$11\frac{1}{4}$	12	$6\frac{1}{4}$	39	$9\frac{7}{8}$	12	$9\frac{5}{8}$	40	$8\frac{1}{2}$
12	3	38	$11\frac{5}{8}-\frac{1}{16}$	12	$6\frac{3}{8}$	39	$10\frac{1}{4}-\frac{1}{16}$	12	$9\frac{3}{4}$	40	$8\frac{7}{8}-\frac{1}{16}$
12	$3\frac{1}{8}$	39	$0-\frac{1}{16}$	12	$6\frac{1}{2}$	39	$10\frac{5}{8}-\frac{1}{16}$	12	$9\frac{7}{8}$	40	$9\frac{1}{4}-\frac{1}{16}$
12	$3\frac{1}{4}$	39	$0\frac{3}{8}-\frac{1}{16}$	12	$6\frac{5}{8}$	39	$11\frac{1}{4}$	12	10	40	$9\frac{5}{8}-\frac{1}{16}$
12	$3\frac{3}{8}$	39	$0\frac{7}{8}$	12	$6\frac{3}{4}$	39	$11\frac{3}{8}-\frac{1}{16}$	12	$10\frac{1}{8}$	40	$10-\frac{1}{16}$
12	$3\frac{1}{2}$	39	$1\frac{1}{4}$	12	$6\frac{7}{8}$	39	$11\frac{3}{4}-\frac{1}{16}$	12	$10\frac{1}{4}$	40	$10\frac{1}{2}$
12	$3\frac{5}{8}$	39	$1\frac{5}{8}$	12	7	40	$0\frac{1}{4}$	12	$10\frac{3}{8}$	40	$10\frac{7}{8}$
12	$3\frac{3}{4}$	39	2	12	$7\frac{1}{8}$	40	$0\frac{5}{8}$	12	$10\frac{1}{2}$	40	$11\frac{1}{4}$
12	$3\frac{7}{8}$	39	$2\frac{3}{8}-\frac{1}{16}$	12	$7\frac{1}{4}$	40	1	12	$10\frac{5}{8}$	40	$11\frac{5}{8}-\frac{1}{16}$
12	4	39	$2\frac{3}{4}-\frac{1}{16}$	12	$7\frac{3}{8}$	40	$1\frac{3}{8}-\frac{1}{16}$	12	$10\frac{3}{4}$	41	$0\frac{1}{16}$
12	$4\frac{1}{8}$	39	$3\frac{1}{4}$	12	$7\frac{1}{2}$	40	$1\frac{3}{4}-\frac{1}{16}$	12	$10\frac{7}{8}$	41	$0\frac{3}{8}-\frac{1}{16}$
12	$4\frac{1}{4}$	39	$3\frac{5}{8}$	12	$7\frac{5}{8}$	40	$2\frac{1}{8}-\frac{1}{16}$	12	11	41	$0\frac{7}{8}$
12	$4\frac{3}{8}$	39	4	12	$7\frac{3}{4}$	40	$2\frac{1}{2}-\frac{1}{16}$	12	$11\frac{1}{8}$	41	$1\frac{1}{4}$
12	$4\frac{1}{2}$	39	$4\frac{3}{8}\ \frac{1}{16}$	12	$7\frac{7}{8}$	40	$2\frac{7}{8}-\frac{1}{16}$	12	$11\frac{1}{4}$	41	$1\frac{5}{8}$
12	$4\frac{5}{8}$	39	$4\frac{3}{4}-\frac{1}{16}$	12	8	40	$3\frac{3}{8}$	12	$11\frac{3}{8}$	41	$2\frac{1}{16}$
12	$4\frac{3}{4}$	39	$5\frac{1}{8}-\frac{1}{16}$	12	$8\frac{1}{8}$	40	$3\frac{3}{4}-\frac{1}{16}$	12	$11\frac{1}{2}$	41	$2\frac{3}{8}-\frac{1}{16}$
12	$4\frac{7}{8}$	39	$5\frac{1}{2}-\frac{1}{16}$	12	$8\frac{1}{4}$	40	$4\frac{1}{8}-\frac{1}{16}$	12	$11\frac{5}{8}$	41	$2\frac{7}{8}$
12	5	39	$5\frac{7}{8}-\frac{1}{16}$	12	$8\frac{3}{8}$	40	$4\frac{1}{2}-\frac{1}{16}$	12	$11\frac{3}{4}$	41	$3\frac{1}{4}$
12	$5\frac{1}{8}$	39	$6\frac{3}{8}$	12	$8\frac{1}{2}$	40	$4\frac{7}{8}-\frac{1}{16}$	12	$11\frac{7}{8}$	41	$3\frac{5}{8}$
12	$5\frac{1}{4}$	39	$6\frac{3}{4}$	12	$8\frac{5}{8}$	40	$5\frac{1}{4}-\frac{1}{16}$	13	0	41	4
12	$5\frac{3}{8}$	39	$7\frac{1}{8}$	12	$8\frac{3}{4}$	40	$5\frac{3}{4}$				
12	$5\frac{1}{2}$	39	$7\frac{1}{2}$	12	$8\frac{7}{8}$	40	$6\frac{1}{8}$				

DIAGONAL MEASUREMENT AT THE ROOT, 1-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In	Ft.	In.	Ft.	In.	Ft.	In.
1	0	3	$7\frac{7}{8}-\frac{1}{16}$	1	$4\frac{3}{8}$	4	$9\frac{5}{8}-\frac{1}{16}$	1	$8\frac{3}{4}$	5	$11\frac{3}{8}-\frac{1}{16}$
1	$0\frac{1}{8}$	3	$8\frac{1}{4}-\frac{1}{16}$	1	$4\frac{1}{2}$	4	$10\frac{1}{16}$	1	$8\frac{7}{8}$	5	$11\frac{3}{4}-\frac{1}{16}$
1	$0\frac{1}{4}$	3	$8\frac{3}{4}$	1	$4\frac{5}{8}$	4	$10\frac{1}{2}$	1	9	6	$0\frac{1}{4}$
1	$0\frac{3}{8}$	3	$9\frac{1}{8}$	1	$4\frac{3}{4}$	4	$10\frac{7}{8}$	1	$9\frac{1}{8}$	6	$0\frac{5}{8}$
1	$0\frac{1}{2}$	3	$9\frac{1}{2}-\frac{1}{16}$	1	$4\frac{7}{8}$	4	$11\frac{1}{4}$	1	$9\frac{1}{4}$	6	1
1	$0\frac{5}{8}$	3	$9\frac{7}{8}-\frac{1}{16}$	1	5	4	$11\frac{5}{8}-\frac{1}{16}$	1	$9\frac{3}{8}$	6	$1\frac{3}{8}$
1	$0\frac{3}{4}$	3	$10\frac{1}{4}-\frac{1}{16}$	1	$5\frac{1}{8}$	5	$0\frac{1}{16}$	1	$9\frac{1}{2}$	6	$1\frac{3}{4}-\frac{1}{16}$
1	$0\frac{7}{8}$	3	$10\frac{5}{8}-\frac{1}{16}$	1	$5\frac{1}{4}$	5	$0\frac{3}{8}-\frac{1}{16}$	1	$9\frac{5}{8}$	6	$2\frac{1}{8}-\frac{1}{16}$
1	1	3	$11\frac{1}{16}$	1	$5\frac{3}{8}$	5	$0\frac{3}{4}-\frac{1}{16}$	1	$9\frac{3}{4}$	6	$2\frac{1}{2}-\frac{1}{16}$
1	$1\frac{1}{8}$	3	$11\frac{1}{2}$	1	$5\frac{1}{2}$	5	$1\frac{1}{4}$	1	$9\frac{7}{8}$	6	3
1	$1\frac{1}{4}$	3	$11\frac{7}{8}$	1	$5\frac{5}{8}$	5	$1\frac{5}{8}$	1	10	6	$3\frac{3}{8}$
1	$1\frac{3}{8}$	4	$0\frac{1}{4}$	1	$5\frac{3}{4}$	5	2	1	$10\frac{1}{8}$	6	$3\frac{3}{4}$
1	$1\frac{1}{2}$	4	$0\frac{5}{8}-\frac{1}{16}$	1	$5\frac{7}{8}$	5	$2\frac{3}{8}-\frac{1}{16}$	1	$10\frac{1}{4}$	6	$4\frac{1}{8}$
1	$1\frac{5}{8}$	4	$1\frac{1}{16}$	1	6	5	$2\frac{3}{4}-\frac{1}{16}$	1	$10\frac{3}{8}$	6	$4\frac{1}{2}-\frac{1}{16}$
1	$1\frac{3}{4}$	4	$1\frac{3}{8}-\frac{1}{16}$	1	$6\frac{1}{8}$	5	$3\frac{1}{8}-\frac{1}{16}$	1	$10\frac{1}{2}$	6	$4\frac{7}{8}-\frac{1}{16}$
1	$1\frac{7}{8}$	4	$1\frac{3}{4}-\frac{1}{16}$	1	$6\frac{1}{4}$	5	$3\frac{1}{2}-\frac{1}{16}$	1	$10\frac{5}{8}$	6	$5\frac{1}{4}-\frac{1}{16}$
1	2	4	$2\frac{1}{4}$	1	$6\frac{3}{8}$	5	4	1	$10\frac{3}{4}$	6	$5\frac{3}{4}$
1	$2\frac{1}{8}$	4	$2\frac{5}{8}$	1	$6\frac{1}{2}$	5	$4\frac{3}{8}$	1	$10\frac{7}{8}$	6	$6\frac{1}{8}$
1	$2\frac{1}{4}$	4	$3\frac{1}{16}$	1	$6\frac{5}{8}$	5	$4\frac{3}{4}$	1	11	6	$6\frac{1}{2}$
1	$2\frac{3}{8}$	4	$3\frac{3}{8}-\frac{1}{16}$	1	$6\frac{3}{4}$	5	$5\frac{1}{8}-\frac{1}{16}$	1	$11\frac{1}{8}$	6	$6\frac{7}{8}-\frac{1}{16}$
1	$2\frac{1}{2}$	4	$3\frac{3}{4}-\frac{1}{16}$	1	$6\frac{7}{8}$	5	$5\frac{1}{2}-\frac{1}{16}$	1	$11\frac{1}{4}$	6	$7\frac{1}{4}-\frac{1}{16}$
1	$2\frac{5}{8}$	4	$4\frac{1}{8}-\frac{1}{16}$	1	7	5	$5\frac{7}{8}-\frac{1}{16}$	1	$11\frac{3}{8}$	6	$7\frac{3}{4}$
1	$2\frac{3}{4}$	4	$4\frac{1}{2}-\frac{1}{16}$	1	$7\frac{1}{8}$	5	$6\frac{1}{4}-\frac{1}{16}$	1	$11\frac{1}{2}$	6	$8\frac{1}{8}$
1	$2\frac{7}{8}$	4	5	1	$7\frac{1}{4}$	5	$6\frac{3}{4}$	1	$11\frac{5}{8}$	6	$8\frac{1}{2}$
1	3	4	$5\frac{3}{8}$	1	$7\frac{3}{8}$	5	$7\frac{1}{8}$	1	$11\frac{3}{4}$	6	$8\frac{7}{8}$
1	$3\frac{1}{8}$	4	$5\frac{3}{4}-\frac{1}{16}$	1	$7\frac{1}{2}$	5	$7\frac{1}{2}$	1	$11\frac{7}{8}$	6	$9\frac{1}{4}$
1	$3\frac{1}{4}$	4	$6\frac{1}{8}-\frac{1}{16}$	1	$7\frac{5}{8}$	5	$7\frac{7}{8}$	2	0	6	$9\frac{5}{8}-\frac{1}{16}$
1	$3\frac{3}{8}$	4	$6\frac{1}{2}-\frac{1}{16}$	1	$7\frac{3}{4}$	5	$8\frac{1}{4}-\frac{1}{16}$	2	$0\frac{1}{8}$	6	$10\frac{1}{16}$
1	$3\frac{1}{2}$	4	$6\frac{7}{8}-\frac{1}{16}$	1	$7\frac{7}{8}$	5	$8\frac{5}{8}-\frac{1}{16}$	2	$0\frac{1}{4}$	6	$10\frac{3}{8}-\frac{1}{16}$
1	$3\frac{5}{8}$	4	$7\frac{1}{4}-\frac{1}{16}$	1	8	5	$9\frac{1}{16}$	2	$0\frac{3}{8}$	6	$10\frac{3}{4}-\frac{1}{16}$
1	$3\frac{3}{4}$	4	$7\frac{3}{4}$	1	$8\frac{1}{8}$	5	$9\frac{1}{2}$	2	$0\frac{1}{2}$	6	$11\frac{1}{4}$
1	$3\frac{7}{8}$	4	$8\frac{1}{8}$	1	$8\frac{1}{4}$	5	$9\frac{7}{8}$	2	$0\frac{5}{8}$	6	$11\frac{5}{8}$
1	4	4	$8\frac{1}{2}$	1	$8\frac{3}{8}$	5	$10\frac{1}{4}$	2	$0\frac{3}{4}$	7	0
1	$4\frac{1}{8}$	4	$8\frac{7}{8}-\frac{1}{16}$	1	$8\frac{1}{2}$	5	$10\frac{5}{8}$	2	$0\frac{7}{8}$	7	$0\frac{3}{8}-\frac{1}{16}$
1	$4\frac{1}{4}$	4	$9\frac{1}{4}-\frac{1}{16}$	1	$8\frac{5}{8}$	5	$11\frac{1}{16}$	2	1	7	$0\frac{3}{4}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, 1-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
2	$1\frac{1}{8}$	7	$1\frac{1}{8}-\frac{1}{16}$	2	$5\frac{1}{2}$	8	3	2	$9\frac{7}{8}$	9	$4\frac{5}{8}-\frac{1}{16}$
2	$1\frac{1}{4}$	7	$1\frac{1}{2}-\frac{1}{16}$	2	$5\frac{5}{8}$	8	$3\frac{3}{8}$	2	10	9	$5\frac{1}{16}$
2	$1\frac{3}{8}$	7	2	2	$5\frac{3}{4}$	8	$3\frac{3}{4}$	2	$10\frac{1}{8}$	9	$5\frac{1}{2}$
2	$1\frac{1}{2}$	7	$2\frac{3}{8}$	2	$5\frac{7}{8}$	8	$4\frac{1}{8}$	2	$10\frac{1}{4}$	9	$5\frac{7}{8}$
2	$1\frac{5}{8}$	7	$2\frac{3}{4}$	2	6	8	$4\frac{1}{2}$	2	$10\frac{3}{8}$	9	$6\frac{1}{4}-\frac{1}{16}$
2	$1\frac{3}{4}$	7	$3\frac{1}{8}$	2	$6\frac{1}{8}$	8	$4\frac{7}{8}$	2	$10\frac{1}{2}$	9	$6\frac{5}{8}-\frac{1}{16}$
2	$1\frac{7}{8}$	7	$3\frac{1}{2}-\frac{1}{16}$	2	$6\frac{1}{4}$	8	$5\frac{1}{4}-\frac{1}{16}$	2	$10\frac{5}{8}$	9	$7\frac{1}{16}$
2	2	7	$3\frac{7}{8}-\frac{1}{16}$	2	$6\frac{3}{8}$	8	$5\frac{5}{8}-\frac{1}{16}$	2	$10\frac{3}{4}$	9	$7\frac{3}{8}-\frac{1}{16}$
2	$2\frac{1}{8}$	7	$4\frac{1}{4}-\frac{1}{16}$	2	$6\frac{1}{2}$	8	$6\frac{1}{16}$	2	$10\frac{7}{8}$	9	$7\frac{3}{4}-\frac{1}{16}$
2	$2\frac{1}{4}$	7	$4\frac{3}{4}$	2	$6\frac{5}{8}$	8	$6\frac{1}{2}$	2	11	9	$8\frac{1}{8}-\frac{1}{16}$
2	$2\frac{3}{8}$	7	$5\frac{1}{8}$	2	$6\frac{3}{4}$	8	$6\frac{7}{8}$	2	$11\frac{1}{8}$	9	$8\frac{1}{2}-\frac{1}{16}$
2	$2\frac{1}{2}$	7	$5\frac{1}{2}$	2	$6\frac{7}{8}$	8	$7\frac{1}{4}-\frac{1}{16}$	2	$11\frac{1}{4}$	9	9
2	$2\frac{5}{8}$	7	$5\frac{7}{8}$	2	7	8	$7\frac{5}{8}-\frac{1}{16}$	2	$11\frac{3}{8}$	9	$9\frac{3}{8}$
2	$2\frac{3}{4}$	7	$6\frac{1}{4}-\frac{1}{16}$	2	$7\frac{1}{8}$	8	$8\frac{1}{16}$	2	$11\frac{1}{2}$	9	$9\frac{3}{4}-\frac{1}{16}$
2	$2\frac{7}{8}$	7	$6\frac{5}{8}-\frac{1}{16}$	2	$7\frac{1}{4}$	8	$8\frac{1}{2}$	2	$11\frac{5}{8}$	9	$10\frac{5}{8}-\frac{1}{16}$
2	3	7	$7\frac{1}{16}$	2	$7\frac{3}{8}$	8	$8\frac{7}{8}$	2	$11\frac{3}{4}$	9	$10\frac{1}{2}-\frac{1}{16}$
2	$3\frac{1}{8}$	7	$7\frac{3}{8}-\frac{1}{16}$	2	$7\frac{1}{2}$	8	$9\frac{1}{4}$	2	$11\frac{7}{8}$	9	11
2	$3\frac{1}{4}$	7	$7\frac{7}{8}$	2	$7\frac{5}{8}$	8	$9\frac{5}{8}$	3	0	9	$11\frac{3}{8}$
2	$3\frac{3}{8}$	7	$8\frac{1}{4}$	2	$7\frac{3}{4}$	8	10	3	$0\frac{1}{8}$	9	$11\frac{3}{4}-\frac{1}{16}$
2	$3\frac{1}{2}$	7	$8\frac{5}{8}$	2	$7\frac{7}{8}$	8	$10\frac{3}{8}$	3	$0\frac{1}{4}$	10	$0\frac{1}{8}-\frac{1}{16}$
2	$3\frac{5}{8}$	7	$9\frac{1}{16}$	2	8	8	$10\frac{3}{4}-\frac{1}{16}$	3	$0\frac{3}{8}$	10	$0\frac{1}{2}-\frac{1}{16}$
2	$3\frac{3}{4}$	7	$9\frac{3}{8}-\frac{1}{16}$	2	$8\frac{1}{8}$	8	$11\frac{1}{8}-\frac{1}{16}$	3	$0\frac{1}{2}$	10	1
2	$3\frac{7}{8}$	7	$9\frac{3}{4}-\frac{1}{16}$	2	$8\frac{1}{4}$	8	$11\frac{5}{8}$	3	$0\frac{5}{8}$	10	$1\frac{3}{8}$
2	4	7	$10\frac{1}{4}$	2	$8\frac{3}{8}$	9	0	3	$0\frac{3}{4}$	10	$1\frac{3}{4}$
2	$4\frac{1}{8}$	7	$10\frac{5}{8}$	2	$8\frac{1}{2}$	9	$0\frac{3}{8}$	3	$0\frac{7}{8}$	10	$2\frac{1}{8}$
2	$4\frac{1}{4}$	7	11	2	$8\frac{5}{8}$	9	$0\frac{3}{4}-\frac{1}{16}$	3	1	10	$2\frac{1}{2}$
2	$4\frac{3}{8}$	7	$11\frac{3}{8}$	2	$8\frac{3}{4}$	9	$1\frac{1}{8}-\frac{1}{16}$	3	$1\frac{1}{8}$	10	$2\frac{7}{8}$
2	$4\frac{1}{2}$	7	$11\frac{3}{4}-\frac{1}{16}$	2	$8\frac{7}{8}$	9	$1\frac{5}{8}$	3	$1\frac{1}{4}$	10	$3\frac{1}{4}-\frac{1}{16}$
2	$4\frac{5}{8}$	8	$0\frac{1}{8}-\frac{1}{16}$	2	9	9	2	3	$1\frac{3}{8}$	10	$3\frac{3}{8}-\frac{1}{16}$
2	$4\frac{3}{4}$	8	$0\frac{1}{2}-\frac{1}{16}$	2	$9\frac{1}{8}$	9	$2\frac{3}{8}$	3	$1\frac{1}{2}$	10	$4\frac{1}{8}$
2	$4\frac{7}{8}$	8	1	2	$9\frac{1}{4}$	9	$2\frac{3}{4}$	3	$1\frac{5}{8}$	10	$4\frac{1}{2}$
2	5	8	$1\frac{3}{8}$	2	$9\frac{3}{8}$	9	$3\frac{1}{8}$	3	$1\frac{3}{4}$	10	$4\frac{7}{8}$
2	$5\frac{1}{8}$	8	$1\frac{3}{4}-\frac{1}{16}$	2	$9\frac{1}{2}$	9	$3\frac{1}{2}$	3	$1\frac{7}{8}$	10	$5\frac{1}{4}-\frac{1}{16}$
2	$5\frac{1}{4}$	8	$2\frac{1}{8}-\frac{1}{16}$	2	$9\frac{5}{8}$	9	$3\frac{7}{8}$	3	2	10	$5\frac{5}{8}-\frac{1}{16}$
2	$5\frac{3}{8}$	8	$2\frac{1}{2}-\frac{1}{16}$	2	$9\frac{3}{4}$	9	$4\frac{1}{4}-\frac{1}{16}$	3	$2\frac{1}{8}$	10	$6\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, 1-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	2 1/4	10	6 3/8-1/16	3	6 5/8	11	8 1/8-1/16	3	11	12	9 7/8-1/16
3	2 3/8	10	6 3/4-1/16	3	6 3/4	11	8 1/2-1/16	3	11 1/8	12	10 1/4-1/16
3	2 1/2	10	7 1/8-1/16	3	6 7/8	11	9	3	11 1/4	12	10 5/8-1/16
3	2 5/8	10	7 5/8	3	7	11	9 3/8	3	11 3/8	12	11 1/16
3	2 3/4	10	8	3	7 1/8	11	9 3/4-1/16	3	11 1/2	12	11 1/2
3	2 7/8	10	8 3/8	3	7 1/4	11	10 1/8-1/16	3	11 5/8	12	11 7/8
3	3	10	8 1/4-1/16	3	7 3/8	11	10 1/2-1/16	3	11 3/4	13	0 1/4-1/16
3	3 1/8	10	9 1/8-1/16	3	7 1/2	11	10 7/8-1/16	3	11 7/8	13	0 5/8-1/16
3	3 1/4	10	9 5/8	3	7 5/8	11	11 1/4-1/16	4	0	13	1 1/16
3	3 3/8	10	10	3	7 3/4	11	11 5/8-1/16	4	0 1/8	13	1 1/2
3	3 1/2	10	10 3/8	3	7 7/8	12	0 1/16	4	0 1/4	13	1 7/8
3	3 5/8	10	10 3/4-1/16	3	8	12	0 1/2	4	0 3/8	13	2 1/4-1/16
3	3 3/4	10	11 1/8-1/16	3	8 1/8	12	0 7/8	4	0 1/2	13	2 5/8-1/16
3	3 7/8	10	11 1/2-1/16	3	8 1/4	12	1 1/4-1/16	4	0 5/8	13	3 1/16
3	4	10	11 7/8-1/16	3	8 3/8	12	1 5/8-1/16	4	0 3/4	13	3 3/8-1/16
3	4 1/8	11	0 1/4-1/16	3	8 1/2	12	2 1/16	4	0 7/8	13	3 3/4-1/16
3	4 1/4	11	0 5/8-1/16	3	8 5/8	12	2 1/2	4	1	13	4 1/8-1/16
3	4 3/8	11	1 1/16	3	8 3/4	12	2 7/8	4	1 1/8	13	4 1/2-1/16
3	4 1/2	11	1 1/2	3	8 7/8	12	3 1/4-1/16	4	1 1/4	13	5
3	4 5/8	11	1 7/8	3	9	12	3 5/8-1/16	4	1 3/8	13	5 3/8
3	4 3/4	11	2 1/4-1/16	3	9 1/8	12	4 1/16	4	1 1/2	13	5 3/4-1/16
3	4 7/8	11	2 5/8-1/16	3	9 1/4	12	4 3/8-1/16	4	1 5/8	13	6 1/8-1/16
3	5	11	3 1/16	3	9 3/8	12	4 3/4-1/16	4	1 3/4	13	6 1/2-1/16
3	5 1/8	11	3 1/2	3	9 1/2	12	5 1/8-1/16	4	1 7/8	13	7
3	5 1/4	11	3 7/8	3	9 5/8	12	5 1/2-1/16	4	2	13	7 3/8
3	5 3/8	11	4 1/4-1/16	3	9 3/4	12	6	4	2 1/8	13	7 3/4
3	5 1/2	11	4 5/8-1/16	3	9 7/8	12	6 3/8	4	2 1/4	13	8 1/8
3	5 5/8	11	5 1/16	3	10	12	6 3/4-1/16	4	2 3/8	13	8 1/2
3	5 3/4	11	5 3/8-1/16	3	10 1/8	12	7 1/8-1/16	4	2 1/2	13	8 7/8
3	5 7/8	11	5 3/4-1/16	3	10 1/4	12	7 1/2-1/16	4	2 5/8	13	9 1/4-1/16
3	6	11	6 1/8-1/16	3	10 3/8	12	8	4	2 3/4	13	9 5/8-1/16
3	6 1/8	11	6 1/2-1/16	3	10 1/2	12	8 3/8	4	2 7/8	13	10-1/16
3	6 1/4	11	7	3	10 5/8	12	8 3/4-1/16	4	3	13	10 1/2
3	6 3/8	11	7 3/8	3	10 3/4	12	9 1/8-1/16	4	3 1/8	13	10 7/8
3	6 1/2	11	7 3/4-1/16	3	10 7/8	12	9 1/2-1/16	4	3 1/4	13	11 1/4-1/16

DIAGONAL MEASUREMENT AT THE ROOT, 1-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In	Ft.	In.
4	3 3/8	13	11 5/8-1/16	4	7 3/4	15	1 3/8	5	0 1/4	16	3 1/2-1/16
4	3 1/2	14	0 1/16	4	7 7/8	15	1 3/4-1/16	5	0 1/2	16	4 3/8
4	3 5/8	14	0 1/2	4	8	15	2 1/8-1/16	5	0 3/4	16	5 1/8
4	3 3/4	14	0 7/8	4	8 1/8	15	2 1/2-1/16	5	1	16	5 7/8
4	3 7/8	14	1 1/4	4	8 1/4	15	3	5	1 1/4	16	6 5/8-1/16
4	4	14	1 5/8	4	8 3/8	15	3 3/8	5	1 1/2	16	7 1/2
4	4 1/8	14	2	4	8 1/2	15	3 3/4-1/16	5	1 3/4	16	8 1/4-1/16
4	4 1/4	14	2 3/8	4	8 5/8	15	4 1/8-1/16	5	2	16	9 1/8
4	4 3/8	14	2 3/4-1/16	4	8 3/4	15	4 1/2-1/16	5	2 1/4	16	9 7/8
4	4 1/2	14	3 1/8-1/16	4	8 7/8	15	5	5	2 1/2	16	10 5/8
4	4 5/8	14	3 1/2-1/16	4	9	15	5 3/8	5	2 3/4	16	11 3/8
4	4 3/4	14	4	4	9 1/8	15	5 3/4	5	3	17	0 1/8-1/16
4	4 7/8	14	4 3/8	4	9 1/4	15	6 1/8	5	3 1/4	17	1
4	5	14	4 3/4-1/16	4	9 3/8	15	6 1/2	5	3 1/2	17	1 3/4-1/16
4	5 1/8	14	5 1/8-1/16	4	9 1/2	15	6 7/8	5	3 3/4	17	2 1/2-1/16
4	5 1/4	14	5 1/2-1/16	4	9 5/8	15	7 1/4-1/16	5	4	17	3 3/8
4	5 3/8	14	6	4	9 3/4	15	7 5/8-1/16	5	4 1/4	17	4 1/8
4	5 1/2	14	6 3/8	4	9 7/8	15	8 1/8	5	4 1/2	17	4 7/8
4	5 5/8	14	6 3/4	4	10	15	8 1/2	5	4 3/4	17	5 3/8-1/16
4	5 3/4	14	7 1/8	4	10 1/8	15	8 7/8	5	5	17	6 1/2
4	5 7/8	14	7 1/2	4	10 1/4	15	9 1/4-1/16	5	5 1/4	17	7 1/4
4	6	14	7 7/8	4	10 3/8	15	9 5/8-1/16	5	5 1/2	17	8 1/8
4	6 1/8	14	8 1/4-1/16	4	10 1/2	15	10 1/16	5	5 3/4	17	8 7/8
4	6 1/4	14	8 5/8-1/16	4	10 5/8	15	10 1/2	5	6	17	9 5/8
4	6 3/8	14	9 1/8	4	10 3/4	15	10 7/8	5	6 1/4	17	10 3/8
4	6 1/2	14	9 1/2	4	10 7/8	15	11 1/4	5	6 1/2	17	11 1/8-1/16
4	6 5/8	14	9 7/8	4	11	15	11 5/8	5	6 3/4	18	0
4	6 3/4	14	10 1/4	4	11 1/8	16	0	5	7	18	0 3/4-1/16
4	6 7/8	14	10 5/8-1/16	4	11 1/4	16	0 3/8	5	7 1/4	18	1 1/2-1/16
4	7	14	11 1/8	4	11 3/8	16	0 3/4-1/16	5	7 1/2	18	2 1/4-1/16
4	7 1/8	14	11 1/2	4	11 1/2	16	1 1/8-1/16	5	7 3/4	18	3 1/8
4	7 1/4	14	11 7/8	4	11 5/8	16	1 1/2-1/16	5	8	18	3 7/8
4	7 3/8	15	0 1/4	4	11 3/4	16	2	5	8 1/4	18	4 5/8-1/16
4	7 1/2	15	0 5/8	4	11 7/8	16	2 3/8	5	8 1/2	18	5 1/2
4	7 5/8	15	1	5	0	16	2 3/4-1/16	5	8 3/4	18	6 1/4-1/16

DIAGONAL MEASUREMENT AT THE ROOT, 1-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
5	9	18	$7\frac{1}{16}$	6	$5\frac{3}{4}$	20	$10\frac{1}{2}$	7	$2\frac{1}{2}$	23	2
5	$9\frac{1}{4}$	18	$7\frac{3}{4}-\frac{1}{16}$	6	6	20	$11\frac{1}{4}-\frac{1}{16}$	7	$2\frac{3}{4}$	23	$2\frac{3}{4}-\frac{1}{16}$
5	$9\frac{1}{2}$	18	$8\frac{1}{2}-\frac{1}{16}$	6	$6\frac{1}{4}$	21	$0\frac{1}{8}$	7	3	23	$3\frac{1}{2}-\frac{1}{16}$
5	$9\frac{3}{4}$	18	$9\frac{3}{8}$	6	$6\frac{1}{2}$	21	$0\frac{7}{8}$	7	$3\frac{1}{4}$	23	$4\frac{3}{8}$
5	10	18	$10\frac{1}{8}-\frac{1}{16}$	6	$6\frac{3}{4}$	21	$1\frac{3}{8}-\frac{1}{16}$	7	$3\frac{1}{2}$	23	$5\frac{1}{8}-\frac{1}{16}$
5	$10\frac{1}{4}$	18	11	6	7	21	$2\frac{1}{2}$	7	$3\frac{3}{4}$	23	6
5	$10\frac{1}{2}$	18	$11\frac{3}{4}-\frac{1}{16}$	6	$7\frac{1}{4}$	21	$3\frac{1}{4}$	7	4	23	$6\frac{3}{4}$
5	$10\frac{3}{4}$	19	$0\frac{1}{2}-\frac{1}{16}$	6	$7\frac{1}{2}$	21	4	7	$4\frac{1}{4}$	23	$7\frac{1}{2}$
5	11	19	$1\frac{1}{4}-\frac{1}{16}$	6	$7\frac{3}{4}$	21	$4\frac{3}{4}-\frac{1}{16}$	7	$4\frac{1}{2}$	23	$8\frac{1}{4}-\frac{1}{16}$
5	$11\frac{1}{4}$	19	$2\frac{1}{8}$	6	8	21	$5\frac{1}{2}-\frac{1}{16}$	7	$4\frac{3}{4}$	23	$9\frac{1}{16}$
5	$11\frac{1}{2}$	19	$2\frac{7}{8}$	6	$8\frac{1}{4}$	21	$6\frac{3}{8}$	7	5	23	$9\frac{7}{8}$
5	$11\frac{3}{4}$	19	$3\frac{5}{8}-\frac{1}{16}$	6	$8\frac{1}{2}$	21	$7\frac{1}{8}-\frac{1}{16}$	7	$5\frac{1}{4}$	23	$10\frac{5}{8}-\frac{1}{16}$
6	0	19	$4\frac{1}{2}$	6	$8\frac{3}{4}$	21	8	7	$5\frac{1}{2}$	23	$11\frac{3}{8}-\frac{1}{16}$
6	$0\frac{1}{4}$	19	$5\frac{1}{4}-\frac{1}{16}$	6	9	21	$8\frac{3}{4}$	7	$5\frac{3}{4}$	24	$0\frac{1}{8}-\frac{1}{16}$
6	$0\frac{1}{2}$	19	$6\frac{1}{16}$	6	$9\frac{1}{4}$	21	$9\frac{1}{2}$	7	6	24	1
6	$0\frac{3}{4}$	19	$6\frac{3}{4}-\frac{1}{16}$	6	$9\frac{1}{2}$	21	$10\frac{1}{4}-\frac{1}{16}$	7	$6\frac{1}{4}$	24	$1\frac{3}{4}-\frac{1}{16}$
6	1	19	$7\frac{1}{2}-\frac{1}{16}$	6	$9\frac{3}{4}$	21	$11\frac{1}{8}$	7	$6\frac{1}{2}$	24	$2\frac{1}{2}-\frac{1}{16}$
6	$1\frac{1}{4}$	19	$8\frac{3}{8}$	6	10	21	$11\frac{7}{8}$	7	$6\frac{3}{4}$	24	$3\frac{3}{8}$
6	$1\frac{1}{2}$	19	$9\frac{1}{8}-\frac{1}{16}$	6	$10\frac{1}{4}$	22	$0\frac{5}{8}-\frac{1}{16}$	7	7	24	$4\frac{1}{8}-\frac{1}{16}$
6	$1\frac{3}{4}$	19	10	6	$10\frac{1}{2}$	22	$1\frac{1}{2}$	7	$7\frac{1}{4}$	24	5
6	2	19	$10\frac{3}{4}-\frac{1}{16}$	6	$10\frac{3}{4}$	22	$2\frac{1}{4}$	7	$7\frac{1}{2}$	24	$5\frac{3}{4}$
6	$2\frac{1}{4}$	19	$11\frac{1}{2}-\frac{1}{16}$	6	11	22	3	7	$7\frac{3}{4}$	24	$6\frac{1}{2}$
6	$2\frac{1}{2}$	20	$0\frac{1}{4}-\frac{1}{16}$	6	$11\frac{1}{4}$	22	$3\frac{3}{4}-\frac{1}{16}$	7	8	24	$7\frac{1}{4}-\frac{1}{16}$
6	$2\frac{3}{4}$	20	$1\frac{1}{8}$	6	$11\frac{1}{2}$	22	$4\frac{1}{2}-\frac{1}{16}$	7	$8\frac{1}{4}$	24	$8\frac{1}{8}$
6	3	20	$1\frac{7}{8}$	6	$11\frac{3}{4}$	22	$5\frac{3}{8}$	7	$8\frac{1}{2}$	24	$8\frac{7}{8}$
6	$3\frac{1}{4}$	20	$2\frac{5}{8}-\frac{1}{16}$	7	0	22	$6\frac{1}{8}-\frac{1}{16}$	7	$8\frac{3}{4}$	24	$9\frac{5}{8}-\frac{1}{16}$
6	$3\frac{1}{2}$	20	$3\frac{1}{2}$	7	$0\frac{1}{4}$	22	7	7	9	24	$10\frac{3}{8}-\frac{1}{16}$
6	$3\frac{3}{4}$	20	$4\frac{1}{4}-\frac{1}{16}$	7	$0\frac{1}{2}$	22	$7\frac{3}{4}$	7	$9\frac{1}{4}$	24	$11\frac{1}{8}-\frac{1}{16}$
6	4	20	$5\frac{1}{16}$	7	$0\frac{3}{4}$	22	$8\frac{1}{2}$	7	$9\frac{1}{2}$	25	0
6	$4\frac{1}{4}$	20	$5\frac{3}{4}-\frac{1}{16}$	7	1	22	$9\frac{1}{4}-\frac{1}{16}$	7	$9\frac{3}{4}$	25	$0\frac{3}{4}-\frac{1}{16}$
6	$4\frac{1}{2}$	20	$6\frac{1}{2}-\frac{1}{16}$	7	$1\frac{1}{4}$	22	$10\frac{1}{8}$	7	10	25	$1\frac{1}{2}-\frac{1}{16}$
6	$4\frac{3}{4}$	20	$7\frac{3}{8}$	7	$1\frac{1}{2}$	22	$10\frac{7}{8}$	7	$10\frac{1}{4}$	25	$2\frac{3}{8}$
6	5	20	$8\frac{1}{8}-\frac{1}{16}$	7	$1\frac{3}{4}$	22	$11\frac{5}{8}-\frac{1}{16}$	7	$10\frac{1}{2}$	25	$3\frac{1}{8}-\frac{1}{16}$
6	$5\frac{1}{4}$	20	9	7	2	23	$0\frac{1}{2}$	7	$10\frac{3}{4}$	25	$3\frac{7}{8}-\frac{1}{16}$
6	$5\frac{1}{2}$	20	$9\frac{3}{4}$	7	$2\frac{1}{4}$	23	$1\frac{1}{4}$	7	11	25	$4\frac{5}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, 1-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
7	11¼	25	5½	8	8	27	9	9	4¾	30	0⅜-1/16
7	11½	25	6¼-1/16	8	8¼	27	9¾	9	5	30	1¼
7	11¾	25	7⅛	8	8½	27	10½	9	5¼	30	2
8	0	25	7⅞	8	8¾	27	11¼-1/16	9	5½	30	2¾-1/16
8	0¼	25	8⅝-1/16	8	9	28	0⅛	9	5¾	30	3⅝
8	0½	25	9⅜-1/16	8	9¼	28	0⅞	9	6	30	4⅜
8	0¾	25	10⅛-1/16	8	9½	28	1⅝-1/16	9	6¼	30	5⅛-1/16
8	1	25	11	8	9¾	28	2½	9	6½	30	6
8	1¼	25	11¾-1/16	8	10	28	3¼	9	6¾	30	6¾
8	1½	26	0½-1/16	8	10¼	28	4	9	7	30	7½
8	1¾	26	1⅜	8	10½	28	4⅞	9	7¼	30	8¼-1/16
8	2	26	2⅛-1/16	8	10¾	28	5⅝	9	7½	30	9⅛
8	2¼	26	2⅞-1/16	8	11	28	6⅜	9	7¾	30	9⅞
8	2½	26	3⅝-1/16	8	11¼	28	7⅛-1/16	9	8	30	10⅝-1/16
8	2¾	26	4½	8	11½	28	8	9	8¼	30	11⅜-1/16
8	3	26	5¼-1/16	8	11¾	28	8¾	9	8½	31	0¼
8	3¼	26	6 1/16	9	0	28	9½	9	8¾	31	1
8	3½	26	6¾-1/16	9	0¼	28	10¼-1/16	9	9	31	1¾-1/16
8	3¾	26	7⅝	9	0½	28	11⅛	9	9¼	31	2⅝
8	4	26	8⅜-1/16	9	0¾	28	11⅞	9	9½	31	3⅜
8	4¼	26	9⅛-1/16	9	1	29	0⅝-1/16	9	9¾	31	4⅛
8	4½	26	10	9	1¼	29	1½	9	10	31	5
8	4¾	26	10¾	9	1½	29	2¼	9	10¼	31	5¾
8	5	26	11½-1/16	9	1¾	29	3	9	10½	31	6½
8	5¼	27	0¼-1/16	9	2	29	3¾	9	10¾	31	7¼-1/16
8	5½	27	1 1/16	9	2¼	29	4⅝	9	11	31	8⅛
8	5¾	27	1⅞-1/16	9	2½	29	5⅜	9	11¼	31	8⅞
8	6	27	2⅝-1/16	9	2¾	29	6⅛-1/16	9	11½	31	9⅝-1/16
8	6¼	27	3½	9	3	29	7	9	11¾	31	10⅜-1/16
8	6½	27	4¼	9	3¼	29	7¾	10	0	31	11¼
8	6¾		5 1/16	9	3½	29	8½-1/16	10	0¼	32	0
8	7	27	5¾-1/16	9	3¾	29	9¼-1/16	10	0½	2	0¾-1/16
8	7¼	27	6⅝	9	4	29	10⅛	10	0¾	32	1⅝
8	7½	27	7⅜-1/16	9	4¼	29	10⅞	10	1	32	2⅜
8	7¾	27	8⅛-1/16	9	4½	29	11⅝-1/16	10	1¼	32	3⅛-1/16

DIAGONAL MEASUREMENT AT THE ROOT, 1-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
10	1½	32	3⅞-1/16	10	10¼	34	7⅜-1/16	11	7	36	10⅞-1/16
10	1¾	32	4¾	10	10½	34	8¼	11	7¼	36	11¾
10	2	32	5½	10	10¾	34	9	11	7½	37	0½
10	2¼	32	6¼-1/16	10	11	34	9¾-1/16	11	7¾	37	1¼-1/16
10	2½	32	7⅛	10	11¼	34	10½-1/16	11	8	37	2 1/16
10	2¾	32	7⅞	10	11½	34	11⅜	11	8¼	37	2⅞
10	3	32	8⅝-1/16	10	11¾	35	0⅛	11	8½	37	3⅝
10	3¼	32	9⅜-1/16	11	0	35	0⅞-1/16	11	8¾	37	4⅜-1/16
10	3½	32	10¼	11	0¼	35	1¾	11	9	37	5¼
10	3¾	32	11	11	0½	35	2½	11	9¼	37	6
10	4	32	11¾-1/16	11	0¾	35	3¼-1/16	11	9½	37	6¾
10	4¼	33	0⅝	11	1	35	4 1/16	11	9¾	37	7½-1/16
10	4½	33	1⅜	11	1¼	35	4⅞	11	10	37	8⅜
10	4¾	33	2⅛-1/16	11	1½	35	5⅝	11	10¼	37	9⅛
10	5	33	3	11	1¾	35	6⅜-1/16	11	10½	37	9⅞
10	5¼	33	3¾	11	2	35	7¼	11	10¾	37	10¾
10	5½	33	4½	11	2¼	35	8	11	11	37	11½
10	5¾	33	5¼-1/16	11	2½	35	8¾-1/16	11	11¼	38	0¼-1/16
10	6	33	6 1/16	11	2¾	35	9½-1/16	11	11½	38	1⅛
10	6¼	33	6⅞	11	3	35	10⅜	11	11¾	38	1⅞
10	6½	33	7⅝-1/16	11	3¼	35	11⅛	12	0	38	2⅝
10	6¾	33	8⅜-1/16	11	3½	35	11⅞-1/16	12	0¼	38	3⅜
10	7	33	9¼	11	3¾	36	0⅝-1/16	12	0½	38	4⅛-1/16
10	7¼	33	10	11	4	36	1½	12	0¾	38	5
10	7½	33	10¾-1/16	11	4¼	36	2¼-1/16	12	1	38	5¾-1/16
10	7¾	33	11½-1/16	11	4½	36	3 1/16	12	1¼	38	6⅝
10	8	34	0⅜	11	4¾	36	3⅞	12	1½	38	7⅜
10	8¼	34	1⅛-1/16	11	5	36	4⅝	12	1¾	38	8⅛
10	8½	34	1⅞	11	5¼	36	5⅜-1/16	12	2	38	8⅞-1/16
10	8¾	34	2¾	11	5½	36	6¼	12	2¼	38	9¾
10	9	34	3½	11	5¾	36	7	12	2½	38	10½
10	9¼	34	4¼-1/16	11	6	36	7¾-1/16	12	2¾	38	11¼
10	9½	34	5 1/16	11	6¼	36	8½-1/16	12	3	39	0 1/16
10	9¾	34	5⅞	11	6½	36	9⅜	12	3¼	39	0⅞
10	10	34	6⅝-1/16	11	6¾	36	10⅛	12	3½	39	1⅝

Diagonal Measurement at the Root, 1-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
12	$3\frac{3}{4}$	39	$2\frac{3}{8}-\frac{1}{16}$	12	$6\frac{3}{4}$	39	$11\frac{3}{4}-\frac{1}{16}$	12	$9\frac{3}{4}$	40	$9\frac{1}{4}-\frac{1}{16}$
12	4	39	$3\frac{1}{4}$	12	7	40	$0\frac{5}{8}$	12	10	40	$10\frac{1}{16}$
12	$4\frac{1}{4}$	39	4	12	$7\frac{1}{4}$	40	$1\frac{3}{8}-\frac{1}{16}$	12	$10\frac{1}{4}$	40	$10\frac{7}{8}$
12	$4\frac{1}{2}$	39	$4\frac{3}{4}-\frac{1}{16}$	12	$7\frac{1}{2}$	40	$2\frac{1}{8}-\frac{1}{16}$	12	$10\frac{1}{2}$	40	$11\frac{5}{8}-\frac{1}{16}$
12	$4\frac{3}{4}$	39	$5\frac{1}{2}-\frac{1}{16}$	12	$7\frac{3}{4}$	40	$2\frac{7}{8}-\frac{1}{16}$	12	$10\frac{3}{4}$	41	$0\frac{3}{8}-\frac{1}{16}$
12	5	39	$6\frac{3}{8}$	12	8	40	$3\frac{3}{4}-\frac{1}{16}$	12	11	41	$1\frac{1}{4}$
12	$5\frac{1}{4}$	39	$7\frac{1}{8}$	12	$8\frac{1}{4}$	40	$4\frac{1}{2}-\frac{1}{16}$	12	$11\frac{1}{4}$	41	$2\frac{1}{16}$
12	$5\frac{1}{2}$	39	$7\frac{7}{8}-\frac{1}{16}$	12	$8\frac{1}{2}$	40	$5\frac{1}{4}-\frac{1}{16}$	12	$11\frac{1}{2}$	41	$2\frac{7}{8}$
12	$5\frac{3}{4}$	39	$8\frac{3}{8}-\frac{1}{16}$	12	$8\frac{3}{4}$	40	$6\frac{1}{8}$	12	$11\frac{3}{4}$	41	$3\frac{5}{8}$
12	6	39	$9\frac{1}{2}$	12	9	40	$6\frac{7}{8}-\frac{1}{16}$	13	0	41	$4\frac{3}{8}$
12	$6\frac{1}{4}$	39	$10\frac{1}{4}-\frac{1}{16}$	12	$9\frac{1}{4}$	40	$7\frac{3}{4}$				
12	$6\frac{1}{2}$	39	$11\frac{1}{16}$	12	$9\frac{1}{2}$	40	$8\frac{1}{2}$				

Diagonal Measurement at the Root, $1\frac{1}{8}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	0	3	$8\frac{3}{4}$	1	$1\frac{7}{8}$	4	$2\frac{5}{8}$	1	$3\frac{3}{4}$	4	$8\frac{1}{2}$
1	$0\frac{1}{8}$	3	$9\frac{1}{8}$	1	2	4	$3\frac{1}{16}$	1	$3\frac{7}{8}$	4	$8\frac{7}{8}-\frac{1}{16}$
1	$0\frac{1}{4}$	3	$9\frac{1}{2}-\frac{1}{16}$	1	$2\frac{1}{8}$	4	$3\frac{3}{8}-\frac{1}{16}$	1	4	4	$9\frac{1}{4}-\frac{1}{16}$
1	$0\frac{3}{8}$	3	$9\frac{7}{8}-\frac{1}{16}$	1	$2\frac{1}{4}$	4	$3\frac{3}{4}-\frac{1}{16}$	1	$4\frac{1}{8}$	4	$9\frac{5}{8}-\frac{1}{16}$
1	$0\frac{1}{2}$	3	$10\frac{1}{4}-\frac{1}{16}$	1	$2\frac{3}{8}$	4	$4\frac{1}{8}-\frac{1}{16}$	1	$4\frac{1}{4}$	4	$10\frac{1}{16}$
1	$0\frac{5}{8}$	3	$10\frac{5}{8}-\frac{1}{16}$	1	$2\frac{1}{2}$	4	$4\frac{1}{2}-\frac{1}{16}$	1	$4\frac{3}{8}$	4	$10\frac{1}{2}$
1	$0\frac{3}{4}$	3	$11\frac{1}{16}$	1	$2\frac{5}{8}$	4	5	1	$4\frac{1}{2}$	4	$10\frac{7}{8}$
1	$0\frac{7}{8}$	3	$11\frac{1}{2}$	1	$2\frac{3}{4}$	4	$5\frac{3}{8}$	1	$4\frac{5}{8}$	4	$11\frac{1}{4}$
1	1	3	$11\frac{7}{8}$	1	$2\frac{7}{8}$	4	$5\frac{3}{4}-\frac{1}{16}$	1	$4\frac{3}{4}$	4	$11\frac{5}{8}-\frac{1}{16}$
1	$1\frac{1}{8}$	4	$0\frac{1}{4}$	1	3	4	$6\frac{1}{8}-\frac{1}{16}$	1	$4\frac{7}{8}$	5	$0\frac{1}{16}$
1	$1\frac{1}{4}$	4	$0\frac{3}{8}-\frac{1}{16}$	1	$3\frac{1}{8}$	4	$6\frac{1}{2}-\frac{1}{16}$	1	5	5	$0\frac{3}{8}-\frac{1}{16}$
1	$1\frac{3}{8}$	4	$1\frac{1}{16}$	1	$3\frac{1}{4}$	4	$6\frac{7}{8}-\frac{1}{16}$	1	$5\frac{1}{8}$	5	$0\frac{3}{4}-\frac{1}{16}$
1	$1\frac{1}{2}$	4	$1\frac{3}{8}-\frac{1}{16}$	1	$3\frac{3}{8}$	4	$7\frac{1}{4}-\frac{1}{16}$	1	$5\frac{1}{4}$	5	$1\frac{1}{4}$
1	$1\frac{5}{8}$	4	$1\frac{3}{4}-\frac{1}{16}$	1	$3\frac{1}{2}$	4	$7\frac{3}{4}$	1	$5\frac{3}{8}$	5	$1\frac{5}{8}$
1	$1\frac{3}{4}$	4	$2\frac{1}{4}$	1	$3\frac{5}{8}$	4	$8\frac{1}{8}$	1	$5\frac{1}{2}$	5	2

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	$5\frac{5}{8}$	5	$2\frac{3}{8}-\frac{1}{16}$	1	10	6	$4\frac{1}{8}$	2	$2\frac{3}{8}$	7	$5\frac{7}{8}$
1	$5\frac{3}{4}$	5	$2\frac{3}{4}-\frac{1}{16}$	1	$10\frac{1}{8}$	6	$4\frac{1}{2}-\frac{1}{16}$	2	$2\frac{1}{2}$	7	$6\frac{1}{4}-\frac{1}{16}$
1	$5\frac{7}{8}$	5	$3\frac{1}{8}-\frac{1}{16}$	1	$10\frac{1}{4}$	6	$4\frac{7}{8}-\frac{1}{16}$	2	$2\frac{5}{8}$	7	$6\frac{5}{8}-\frac{1}{16}$
1	6	5	$3\frac{1}{2}-\frac{1}{16}$	1	$10\frac{3}{8}$	6	$5\frac{1}{4}-\frac{1}{16}$	2	$2\frac{3}{4}$	7	$7\frac{1}{16}$
1	$6\frac{1}{8}$	5	4	1	$10\frac{1}{2}$	6	$5\frac{3}{4}$	2	$2\frac{7}{8}$	7	$7\frac{3}{8}-\frac{1}{16}$
1	$6\frac{1}{4}$	5	$4\frac{3}{8}$	1	$10\frac{5}{8}$	6	$6\frac{1}{8}$	2	3	7	$7\frac{7}{8}$
1	$6\frac{3}{8}$	5	$4\frac{3}{4}$	1	$10\frac{3}{4}$	6	$6\frac{1}{2}$	2	$3\frac{1}{8}$	7	$8\frac{1}{4}$
1	$6\frac{1}{2}$	5	$5\frac{1}{8}-\frac{1}{16}$	1	$10\frac{7}{8}$	6	$6\frac{7}{8}-\frac{1}{16}$	2	$3\frac{1}{4}$	7	$8\frac{3}{8}$
1	$6\frac{5}{8}$	5	$5\frac{1}{2}-\frac{1}{16}$	1	11	6	$7\frac{1}{4}-\frac{1}{16}$	2	$3\frac{3}{8}$	7	$9\frac{1}{16}$
1	$6\frac{3}{4}$	5	$5\frac{7}{8}-\frac{1}{16}$	1	$11\frac{1}{8}$	6	$7\frac{3}{4}$	2	$3\frac{1}{2}$	7	$9\frac{3}{8}-\frac{1}{16}$
1	$6\frac{7}{8}$	5	$6\frac{1}{4}-\frac{1}{16}$	1	$11\frac{1}{4}$	6	$8\frac{1}{8}$	2	$3\frac{5}{8}$	7	$9\frac{3}{4}-\frac{1}{16}$
1	7	5	$6\frac{3}{4}$	1	$11\frac{3}{8}$	6	$8\frac{1}{2}$	2	$3\frac{3}{4}$	7	$10\frac{1}{4}$
1	$7\frac{1}{8}$	5	$7\frac{1}{8}$	1	$11\frac{1}{2}$	6	$8\frac{7}{8}$	2	$3\frac{7}{8}$	7	$10\frac{5}{8}$
1	$7\frac{1}{4}$	5	$7\frac{1}{2}$	1	$11\frac{5}{8}$	6	$9\frac{1}{4}$	2	4	7	11
1	$7\frac{3}{8}$	5	$7\frac{7}{8}$	1	$11\frac{3}{4}$	6	$9\frac{5}{8}-\frac{1}{16}$	2	$4\frac{1}{8}$	7	$11\frac{3}{8}$
1	$7\frac{1}{2}$	5	$8\frac{1}{4}-\frac{1}{16}$	1	$11\frac{7}{8}$	6	$10\frac{1}{16}$	2	$4\frac{1}{4}$	7	$11\frac{3}{4}-\frac{1}{16}$
1	$7\frac{5}{8}$	5	$8\frac{5}{8}-\frac{1}{16}$	2	0	6	$10\frac{3}{8}-\frac{1}{16}$	2	$4\frac{3}{8}$	8	$0\frac{1}{8}-\frac{1}{16}$
1	$7\frac{3}{4}$	5	$9\frac{1}{16}$	2	$0\frac{1}{8}$	6	$10\frac{3}{4}-\frac{1}{16}$	2	$4\frac{1}{2}$	8	$0\frac{1}{2}-\frac{1}{16}$
1	$7\frac{7}{8}$	5	$9\frac{1}{2}$	2	$0\frac{1}{4}$	6	$11\frac{1}{4}$	2	$4\frac{5}{8}$	8	1
1	8	5	$9\frac{7}{8}$	2	$0\frac{3}{8}$	6	$11\frac{5}{8}$	2	$4\frac{3}{4}$	8	$1\frac{3}{8}$
1	$8\frac{1}{8}$	5	$10\frac{1}{4}$	2	$0\frac{1}{2}$	7	0	2	$4\frac{7}{8}$	8	$1\frac{3}{4}-\frac{1}{16}$
1	$8\frac{1}{4}$	5	$10\frac{5}{8}$	2	$0\frac{5}{8}$	7	$0\frac{3}{8}-\frac{1}{16}$	2	5	8	$2\frac{1}{8}-\frac{1}{16}$
1	$8\frac{3}{8}$	5	$11\frac{1}{16}$	2	$0\frac{3}{4}$	7	$0\frac{3}{4}-\frac{1}{16}$	2	$5\frac{1}{8}$	8	$2\frac{1}{2}-\frac{1}{16}$
1	$8\frac{1}{2}$	5	$11\frac{3}{8}-\frac{1}{16}$	2	$0\frac{7}{8}$	7	$1\frac{1}{8}-\frac{1}{16}$	2	$5\frac{1}{4}$	8	3
1	$8\frac{5}{8}$	5	$11\frac{3}{4}-\frac{1}{16}$	2	1	7	$1\frac{1}{2}-\frac{1}{16}$	2	$5\frac{3}{8}$	8	$3\frac{3}{8}$
1	$8\frac{3}{4}$	6	$0\frac{1}{4}$	2	$1\frac{1}{8}$	7	2	2	$5\frac{1}{2}$	8	$3\frac{3}{4}$
1	$8\frac{7}{8}$	6	$0\frac{5}{8}$	2	$1\frac{1}{4}$	7	$2\frac{3}{8}$	2	$5\frac{5}{8}$	8	$4\frac{1}{8}$
1	9	6	1	2	$1\frac{3}{8}$	7	$2\frac{3}{4}$	2	$5\frac{3}{4}$	8	$4\frac{1}{2}$
1	$9\frac{1}{8}$	6	$1\frac{3}{8}$	2	$1\frac{1}{2}$	7	$3\frac{1}{8}$	2	$5\frac{7}{8}$	8	$4\frac{7}{8}$
1	$9\frac{1}{4}$	6	$1\frac{3}{4}-\frac{1}{16}$	2	$1\frac{5}{8}$	7	$3\frac{1}{2}-\frac{1}{16}$	2	6	8	$5\frac{1}{4}-\frac{1}{16}$
1	$9\frac{3}{8}$	6	$2\frac{1}{8}-\frac{1}{16}$	2	$1\frac{3}{4}$	7	$3\frac{7}{8}-\frac{1}{16}$	2	$6\frac{1}{8}$	8	$5\frac{5}{8}-\frac{1}{16}$
1	$9\frac{1}{2}$	6	$2\frac{1}{2}-\frac{1}{16}$	2	$1\frac{7}{8}$	7	$4\frac{1}{4}-\frac{1}{16}$	2	$6\frac{1}{4}$	8	$6\frac{1}{16}$
1	$9\frac{5}{8}$	6	3	2	2	7	$4\frac{3}{4}$	2	$6\frac{3}{8}$	8	$6\frac{1}{2}$
1	$9\frac{3}{4}$	6	$3\frac{3}{8}$	2	$2\frac{1}{8}$	7	$5\frac{1}{8}$	2	$6\frac{1}{2}$	8	$6\frac{7}{8}$
1	$9\frac{7}{8}$	6	$3\frac{3}{4}$	2	$2\frac{1}{4}$	7	$5\frac{1}{2}$	2	$6\frac{5}{8}$	8	$7\frac{1}{4}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
2	$6\frac{3}{4}$	8	$7\frac{5}{8}-\frac{1}{16}$	2	$11\frac{1}{8}$	9	$9\frac{3}{8}$	3	$3\frac{1}{2}$	10	$11\frac{1}{8}-\frac{1}{16}$
2	$6\frac{7}{8}$	8	$8\frac{1}{16}$	2	$11\frac{1}{4}$	9	$9\frac{3}{4}-\frac{1}{16}$	3	$3\frac{5}{8}$	10	$11\frac{1}{2}-\frac{1}{16}$
2	7	8	$8\frac{1}{2}$	2	$11\frac{3}{8}$	9	$10\frac{1}{8}-\frac{1}{16}$	3	$3\frac{3}{4}$	10	$11\frac{7}{8}-\frac{1}{16}$
2	$7\frac{1}{8}$	8	$8\frac{7}{8}$	2	$11\frac{1}{2}$	9	$10\frac{1}{2}-\frac{1}{16}$	3	$3\frac{7}{8}$	11	$0\frac{1}{4}-\frac{1}{16}$
2	$7\frac{1}{4}$	8	$9\frac{1}{4}$	2	$11\frac{5}{8}$	9	11	3	4	11	$0\frac{5}{8}-\frac{1}{16}$
2	$7\frac{3}{8}$	8	$9\frac{5}{8}$	2	$11\frac{3}{4}$	9	$11\frac{3}{8}$	3	$4\frac{1}{8}$	11	$1\frac{1}{16}$
2	$7\frac{1}{2}$	8	10	2	$11\frac{7}{8}$	9	$11\frac{3}{4}-\frac{1}{16}$	3	$4\frac{1}{4}$	11	$1\frac{1}{2}$
2	$7\frac{5}{8}$	8	$10\frac{3}{8}$	3	0	10	$0\frac{1}{8}-\frac{1}{16}$	3	$4\frac{3}{8}$	11	$1\frac{7}{8}$
2	$7\frac{3}{4}$	8	$10\frac{3}{4}-\frac{1}{16}$	3	$0\frac{1}{8}$	10	$0\frac{1}{2}-\frac{1}{16}$	3	$4\frac{1}{2}$	11	$2\frac{1}{4}-\frac{1}{16}$
2	$7\frac{7}{8}$	8	$11\frac{1}{8}-\frac{1}{16}$	3	$0\frac{1}{4}$	10	1	3	$4\frac{5}{8}$	11	$2\frac{5}{8}-\frac{1}{16}$
2	8	8	$11\frac{5}{8}$	3	$0\frac{3}{8}$	10	$1\frac{3}{8}$	3	$4\frac{3}{4}$	11	$3\frac{1}{16}$
2	$8\frac{1}{8}$	9	0	3	$0\frac{1}{2}$	10	$1\frac{3}{4}$	3	$4\frac{7}{8}$	11	$3\frac{1}{2}$
2	$8\frac{1}{4}$	9	$0\frac{3}{8}$	3	$0\frac{5}{8}$	10	$2\frac{1}{8}$	3	5	11	$3\frac{7}{8}$
2	$8\frac{3}{8}$	9	$0\frac{3}{4}-\frac{1}{16}$	3	$0\frac{3}{4}$	10	$2\frac{1}{2}$	3	$5\frac{1}{8}$	11	$4\frac{1}{4}-\frac{1}{16}$
2	$8\frac{1}{2}$	9	$1\frac{1}{8}-\frac{1}{16}$	3	$0\frac{7}{8}$	10	$2\frac{7}{8}$	3	$5\frac{1}{4}$	11	$4\frac{3}{8}-\frac{1}{16}$
2	$8\frac{5}{8}$	9	$1\frac{5}{8}$	3	1	10	$3\frac{1}{4}-\frac{1}{16}$	3	$5\frac{3}{8}$	11	$5\frac{1}{16}$
2	$8\frac{3}{4}$	9	2	3	$1\frac{1}{8}$	10	$3\frac{5}{8}-\frac{1}{16}$	3	$5\frac{1}{2}$	11	$5\frac{3}{8}-\frac{1}{16}$
2	$8\frac{7}{8}$	9	$2\frac{3}{8}$	3	$1\frac{1}{4}$	10	$4\frac{1}{8}$	3	$5\frac{5}{8}$	11	$5\frac{3}{4}-\frac{1}{16}$
2	9	9	$2\frac{3}{4}$	3	$1\frac{3}{4}$	10	$4\frac{1}{2}$	3	$5\frac{3}{4}$	11	$6\frac{1}{8}-\frac{1}{16}$
2	$9\frac{1}{8}$	9	$3\frac{1}{8}$	3	$1\frac{1}{2}$	10	$4\frac{7}{8}$	3	$5\frac{7}{8}$	11	$6\frac{1}{2}-\frac{1}{16}$
2	$9\frac{1}{4}$	9	$3\frac{1}{2}$	3	$1\frac{5}{8}$	10	$5\frac{1}{4}-\frac{1}{16}$	3	6	11	7
2	$9\frac{3}{8}$	9	$3\frac{7}{8}$	3	$1\frac{3}{4}$	10	$5\frac{5}{8}-\frac{1}{16}$	3	$6\frac{1}{8}$	11	$7\frac{3}{8}$
2	$9\frac{1}{2}$	9	$4\frac{1}{4}-\frac{1}{16}$	3	$1\frac{7}{8}$	10	$6\frac{1}{16}$	3	$6\frac{1}{4}$	11	$7\frac{3}{4}-\frac{1}{16}$
2	$9\frac{5}{8}$	9	$4\frac{5}{8}-\frac{1}{16}$	3	2	10	$6\frac{3}{8}-\frac{1}{16}$	3	$6\frac{3}{8}$	11	$8\frac{1}{8}-\frac{1}{16}$
2	$9\frac{3}{4}$	9	$5\frac{1}{16}$	3	$2\frac{1}{8}$	10	$6\frac{3}{4}-\frac{1}{16}$	3	$6\frac{1}{2}$	11	$8\frac{1}{2}-\frac{1}{16}$
2	$9\frac{7}{8}$	9	$5\frac{1}{2}$	3	$2\frac{1}{4}$	10	$7\frac{1}{8}-\frac{1}{16}$	3	$6\frac{5}{8}$	11	9
2	10	9	$5\frac{7}{8}$	3	$2\frac{3}{8}$	10	$7\frac{5}{8}$	3	$6\frac{3}{4}$	11	$9\frac{3}{8}$
2	$10\frac{1}{8}$	9	$6\frac{1}{4}-\frac{1}{16}$	3	$2\frac{1}{2}$	10	8	3	$6\frac{7}{8}$	11	$9\frac{3}{4}-\frac{1}{16}$
2	$10\frac{1}{4}$	9	$6\frac{5}{8}-\frac{1}{16}$	3	$2\frac{5}{8}$	10	$8\frac{3}{8}$	3	7	11	$10\frac{1}{8}-\frac{1}{16}$
2	$10\frac{3}{8}$	9	$7\frac{1}{16}$	3	$2\frac{3}{4}$	10	$8\frac{3}{4}-\frac{1}{16}$	3	$7\frac{1}{8}$	11	$10\frac{1}{2}-\frac{1}{16}$
2	$10\frac{1}{2}$	9	$7\frac{3}{8}-\frac{1}{16}$	3	$2\frac{7}{8}$	10	$9\frac{1}{8}-\frac{1}{16}$	3	$7\frac{1}{4}$	11	$10\frac{7}{8}-\frac{1}{16}$
2	$10\frac{5}{8}$	9	$7\frac{3}{4}-\frac{1}{16}$	3	3	10	$9\frac{5}{8}$	3	$7\frac{3}{8}$	11	$11\frac{1}{4}-\frac{1}{16}$
2	$10\frac{3}{4}$	9	$8\frac{1}{8}-\frac{1}{16}$	3	$3\frac{1}{8}$	10	10	3	$7\frac{1}{2}$	11	$11\frac{5}{8}-\frac{1}{16}$
2	$10\frac{7}{8}$	9	$8\frac{1}{2}-\frac{1}{16}$	3	$3\frac{1}{4}$	10	$10\frac{3}{8}$	3	$7\frac{5}{8}$	12	$0\frac{1}{16}$
2	11	9	9	3	$3\frac{3}{8}$	10	$10\frac{3}{4}-\frac{1}{16}$	3	$7\frac{3}{4}$	12	$0\frac{1}{2}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	$7\frac{7}{8}$	12	$0\frac{7}{8}$	4	$0\frac{1}{4}$	13	$2\frac{5}{8}-\frac{1}{16}$	4	$4\frac{5}{8}$	14	$4\frac{3}{8}$
3	8	12	$1\frac{1}{4}-\frac{1}{16}$	4	$0\frac{3}{8}$	13	$3\frac{1}{16}$	4	$4\frac{3}{4}$	14	$4\frac{3}{4}-\frac{1}{16}$
3	$8\frac{1}{8}$	12	$1\frac{5}{8}-\frac{1}{16}$	4	$0\frac{1}{2}$	13	$3\frac{3}{8}-\frac{1}{16}$	4	$4\frac{7}{8}$	14	$5\frac{1}{8}-\frac{1}{16}$
3	$8\frac{1}{4}$	12	$2\frac{1}{16}$	4	$0\frac{5}{8}$	13	$3\frac{3}{4}-\frac{1}{16}$	4	5	14	$5\frac{1}{2}-\frac{1}{16}$
3	$8\frac{3}{8}$	12	$2\frac{1}{2}$	4	$0\frac{3}{4}$	13	$4\frac{1}{8}-\frac{1}{16}$	4	$5\frac{1}{8}$	14	6
3	$8\frac{1}{2}$	12	$2\frac{7}{8}$	4	$0\frac{7}{8}$	13	$4\frac{1}{2}-\frac{1}{16}$	4	$5\frac{1}{4}$	14	$6\frac{3}{8}$
3	$8\frac{5}{8}$	12	$3\frac{1}{4}-\frac{1}{16}$	4	1	13	5	4	$5\frac{3}{8}$	14	$6\frac{1}{4}$
3	$8\frac{3}{4}$	12	$3\frac{5}{8}-\frac{1}{16}$	4	$1\frac{1}{8}$	13	$5\frac{3}{8}$	4	$5\frac{1}{2}$	14	$7\frac{1}{8}$
3	$8\frac{7}{8}$	12	$4\frac{1}{16}$	4	$1\frac{1}{4}$	13	$5\frac{3}{4}-\frac{1}{16}$	4	$5\frac{5}{8}$	14	$7\frac{1}{2}$
3	9	12	$4\frac{3}{8}-\frac{1}{16}$	4	$1\frac{3}{8}$	13	$6\frac{1}{8}-\frac{1}{16}$	4	$5\frac{3}{4}$	14	$7\frac{7}{8}$
3	$9\frac{1}{8}$	12	$4\frac{3}{4}-\frac{1}{16}$	4	$1\frac{1}{2}$	13	$6\frac{1}{2}-\frac{1}{16}$	4	$5\frac{7}{8}$	14	$8\frac{1}{4}-\frac{1}{16}$
3	$9\frac{1}{4}$	12	$5\frac{1}{8}-\frac{1}{16}$	4	$1\frac{5}{8}$	13	7	4	6	14	$8\frac{5}{8}-\frac{1}{16}$
3	$9\frac{3}{8}$	12	$5\frac{1}{2}-\frac{1}{16}$	4	$1\frac{3}{4}$	13	$7\frac{3}{8}$	4	$6\frac{1}{8}$	14	$9\frac{1}{8}$
3	$9\frac{1}{2}$	12	6	4	$1\frac{7}{8}$	13	$7\frac{3}{4}$	4	$6\frac{1}{4}$	14	$9\frac{1}{2}$
3	$9\frac{5}{8}$	12	$6\frac{3}{8}$	4	2	13	$8\frac{1}{8}$	4	$6\frac{3}{8}$	14	$9\frac{7}{8}$
3	$9\frac{3}{4}$	12	$6\frac{3}{4}-\frac{1}{16}$	4	$2\frac{1}{8}$	13	$8\frac{1}{2}$	4	$6\frac{1}{2}$	14	$10\frac{1}{4}$
3	$9\frac{7}{8}$	12	$7\frac{1}{8}-\frac{1}{16}$	4	$2\frac{1}{4}$	13	$8\frac{7}{8}$	4	$6\frac{5}{8}$	14	$10\frac{5}{8}-\frac{1}{16}$
3	10	12	$7\frac{1}{2}-\frac{1}{16}$	4	$2\frac{3}{8}$	13	$9\frac{1}{4}-\frac{1}{16}$	4	$6\frac{3}{4}$	14	$11\frac{1}{8}$
3	$10\frac{1}{8}$	12	8	4	$2\frac{1}{2}$	13	$9\frac{5}{8}-\frac{1}{16}$	4	$6\frac{7}{8}$	14	$11\frac{1}{2}$
3	$10\frac{1}{4}$	12	$8\frac{3}{8}$	4	$2\frac{5}{8}$	13	$10\frac{1}{16}$	4	7	14	$11\frac{7}{8}$
3	$10\frac{3}{8}$	12	$8\frac{3}{4}-\frac{1}{16}$	4	$2\frac{3}{4}$	13	$10\frac{1}{2}$	4	$7\frac{1}{8}$	15	$0\frac{1}{4}$
3	$10\frac{1}{2}$	12	$9\frac{1}{8}-\frac{1}{16}$	4	$2\frac{7}{8}$	13	$10\frac{7}{8}$	4	$7\frac{1}{4}$	15	$0\frac{5}{8}$
3	$10\frac{5}{8}$	12	$9\frac{1}{2}-\frac{1}{16}$	4	3	13	$11\frac{1}{4}-\frac{1}{16}$	4	$7\frac{3}{8}$	15	1
3	$10\frac{3}{4}$	12	$9\frac{7}{8}-\frac{1}{16}$	4	$3\frac{1}{8}$	13	$11\frac{5}{8}-\frac{1}{16}$	4	$7\frac{1}{2}$	15	$1\frac{3}{8}$
3	$10\frac{7}{8}$	12	$10\frac{1}{4}-\frac{1}{16}$	4	$3\frac{1}{4}$	14	$0\frac{1}{16}$	4	$7\frac{5}{8}$	15	$1\frac{3}{4}-\frac{1}{16}$
3	11	12	$10\frac{5}{8}-\frac{1}{16}$	4	$3\frac{3}{8}$	14	$0\frac{1}{2}$	4	$7\frac{3}{4}$	15	$2\frac{1}{8}-\frac{1}{16}$
3	$11\frac{1}{8}$	12	$11\frac{1}{16}$	4	$3\frac{1}{2}$	14	$0\frac{7}{8}$	4	$7\frac{7}{8}$	15	$2\frac{1}{2}-\frac{1}{16}$
3	$11\frac{1}{4}$	12	$11\frac{1}{2}$	4	$3\frac{5}{8}$	14	$1\frac{1}{4}$	4	8	15	3
3	$11\frac{3}{8}$	12	$11\frac{7}{8}$	4	$3\frac{3}{4}$	14	$1\frac{5}{8}$	4	$8\frac{1}{8}$	15	$3\frac{3}{8}$
3	$11\frac{1}{2}$	13	$0\frac{1}{4}-\frac{1}{16}$	4	$3\frac{7}{8}$	14	2	4	$8\frac{1}{4}$	15	$3\frac{3}{4}-\frac{1}{16}$
3	$11\frac{5}{8}$	13	$0\frac{3}{8}-\frac{1}{16}$	4	4	14	$2\frac{3}{8}$	4	$8\frac{3}{8}$	15	$4\frac{1}{8}-\frac{1}{16}$
3	$11\frac{3}{4}$	13	$1\frac{1}{16}$	4	$4\frac{1}{8}$	14	$2\frac{3}{4}-\frac{1}{16}$	4	$8\frac{1}{2}$	15	$4\frac{1}{2}-\frac{1}{16}$
3	$11\frac{7}{8}$	13	$1\frac{1}{2}$	4	$4\frac{1}{4}$	14	$3\frac{1}{8}-\frac{1}{16}$	4	$8\frac{5}{8}$	15	5
4	0	13	$1\frac{7}{8}$	4	$4\frac{3}{8}$	14	$3\frac{1}{2}-\frac{1}{16}$	4	$8\frac{3}{4}$	15	$5\frac{3}{8}$
4	$0\frac{1}{8}$	13	$2\frac{1}{4}-\frac{1}{16}$	4	$4\frac{1}{2}$	14	4	4	$8\frac{7}{8}$	15	$5\frac{3}{4}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
4	9	15	$6\frac{1}{8}$	5	$2\frac{3}{4}$	17	$0\frac{1}{8}$-$\frac{1}{16}$	5	$11\frac{1}{2}$	19	$3\frac{5}{8}$-$\frac{1}{16}$
4	$9\frac{1}{8}$	15	$6\frac{1}{2}$	5	3	17	1	5	$11\frac{3}{4}$	19	$4\frac{1}{2}$
4	$9\frac{1}{4}$	15	$6\frac{7}{8}$	5	$3\frac{1}{4}$	17	$1\frac{3}{4}$-$\frac{1}{16}$	6	0	19	$5\frac{1}{4}$-$\frac{1}{16}$
4	$9\frac{3}{8}$	15	$7\frac{1}{4}$-$\frac{1}{16}$	5	$3\frac{1}{2}$	17	$2\frac{1}{2}$-$\frac{1}{16}$	6	$0\frac{1}{4}$	19	$6\frac{1}{16}$
4	$9\frac{1}{2}$	15	$7\frac{5}{8}$-$\frac{1}{16}$	5	$3\frac{3}{4}$	17	$3\frac{3}{8}$	6	$0\frac{1}{2}$	19	$6\frac{3}{4}$-$\frac{1}{16}$
4	$9\frac{5}{8}$	15	$8\frac{1}{8}$	5	4	17	$4\frac{1}{8}$	6	$0\frac{3}{4}$	19	$7\frac{1}{2}$-$\frac{1}{16}$
4	$9\frac{3}{4}$	15	$8\frac{1}{2}$	5	$4\frac{1}{4}$	17	$4\frac{7}{8}$	6	1	19	$8\frac{3}{8}$
4	$9\frac{7}{8}$	15	$8\frac{7}{8}$	5	$4\frac{1}{2}$	17	$5\frac{5}{8}$-$\frac{1}{16}$	6	$1\frac{1}{4}$	19	$9\frac{1}{8}$-$\frac{1}{16}$
4	10	15	$9\frac{1}{4}$-$\frac{1}{16}$	5	$4\frac{3}{4}$	17	$6\frac{1}{2}$	6	$1\frac{1}{2}$	19	10
4	$10\frac{1}{8}$	15	$9\frac{5}{8}$-$\frac{1}{16}$	5	5	17	$7\frac{1}{4}$	6	$1\frac{3}{4}$	19	$10\frac{3}{4}$-$\frac{1}{16}$
4	$10\frac{1}{4}$	15	$10\frac{1}{16}$	5	$5\frac{1}{4}$	17	$8\frac{1}{8}$	6	2	19	$11\frac{1}{2}$-$\frac{1}{16}$
4	$10\frac{3}{8}$	15	$10\frac{1}{2}$	5	$5\frac{1}{2}$	17	$8\frac{7}{8}$	6	$2\frac{1}{4}$	20	$0\frac{1}{4}$-$\frac{1}{16}$
4	$10\frac{1}{2}$	15	$10\frac{7}{8}$	5	$5\frac{3}{4}$	17	$9\frac{5}{8}$	6	$2\frac{1}{2}$	20	$1\frac{1}{8}$
4	$10\frac{5}{8}$	15	$11\frac{1}{4}$	5	6	17	$10\frac{3}{8}$	6	$2\frac{3}{4}$	20	$1\frac{7}{8}$
4	$10\frac{3}{4}$	15	$11\frac{5}{8}$	5	$6\frac{1}{4}$	17	$11\frac{1}{8}$-$\frac{1}{16}$	6	3	20	$2\frac{5}{8}$-$\frac{1}{16}$
4	$10\frac{7}{8}$	16	0	5	$6\frac{1}{2}$	18	0	6	$3\frac{1}{4}$	20	$3\frac{1}{2}$
4	11	16	$0\frac{3}{8}$	5	$6\frac{3}{4}$	18	$0\frac{3}{4}$-$\frac{1}{16}$	6	$3\frac{1}{2}$	20	$4\frac{1}{4}$-$\frac{1}{16}$
4	$11\frac{1}{8}$	16	$0\frac{3}{4}$-$\frac{1}{16}$	5	7	18	$1\frac{1}{2}$-$\frac{1}{16}$	6	$3\frac{3}{4}$	20	$5\frac{1}{16}$
4	$11\frac{1}{4}$	16	$1\frac{1}{8}$-$\frac{1}{16}$	5	$7\frac{1}{4}$	18	$2\frac{1}{4}$-$\frac{1}{16}$	6	4	20	$5\frac{3}{4}$-$\frac{1}{16}$
4	$11\frac{3}{8}$	16	$1\frac{1}{2}$-$\frac{1}{16}$	5	$7\frac{1}{2}$	18	$3\frac{1}{8}$	6	$4\frac{1}{4}$	20	$6\frac{1}{2}$-$\frac{1}{16}$
4	$11\frac{1}{2}$	16	2	5	$7\frac{3}{4}$	18	$3\frac{7}{8}$	6	$4\frac{1}{2}$	20	$7\frac{3}{8}$
4	$11\frac{5}{8}$	16	$2\frac{3}{8}$	5	8	18	$4\frac{5}{8}$-$\frac{1}{16}$	6	$4\frac{3}{4}$	20	$8\frac{1}{8}$-$\frac{1}{16}$
4	$11\frac{3}{4}$	16	$2\frac{3}{4}$-$\frac{1}{16}$	5	$8\frac{1}{4}$	18	$5\frac{1}{2}$	6	5	20	9
4	$11\frac{7}{8}$	16	$3\frac{1}{8}$-$\frac{1}{16}$	5	$8\frac{1}{2}$	18	$6\frac{1}{4}$-$\frac{1}{16}$	6	$5\frac{1}{4}$	20	$9\frac{3}{4}$
5	0	16	$3\frac{1}{2}$-$\frac{1}{16}$	5	$8\frac{3}{4}$	18	$7\frac{1}{16}$	6	$5\frac{1}{2}$	20	$10\frac{1}{2}$
5	$0\frac{1}{4}$	16	$4\frac{3}{8}$	5	9	18	$7\frac{3}{4}$-$\frac{1}{16}$	6	$5\frac{3}{4}$	20	$11\frac{1}{4}$-$\frac{1}{16}$
5	$0\frac{1}{2}$	16	$5\frac{1}{8}$	5	$9\frac{1}{4}$	18	$8\frac{1}{2}$-$\frac{1}{16}$	6	6	21	$0\frac{1}{8}$
5	$0\frac{3}{4}$	16	$5\frac{7}{8}$	5	$9\frac{1}{2}$	18	$9\frac{3}{8}$	6	$6\frac{1}{4}$	21	$0\frac{7}{8}$
5	1	16	$6\frac{5}{8}$-$\frac{1}{16}$	5	$9\frac{3}{4}$	18	$10\frac{1}{8}$-$\frac{1}{16}$	6	$6\frac{1}{2}$	21	$1\frac{5}{8}$-$\frac{1}{16}$
5	$1\frac{1}{4}$	16	$7\frac{1}{2}$	5	10	18	11	6	$6\frac{3}{4}$	21	$2\frac{1}{2}$
5	$1\frac{1}{2}$	16	$8\frac{1}{4}$-$\frac{1}{16}$	5	$10\frac{1}{4}$	18	$11\frac{3}{4}$-$\frac{1}{16}$	6	7	21	$3\frac{1}{4}$
5	$1\frac{3}{4}$	16	$9\frac{1}{8}$	5	$10\frac{1}{2}$	19	$0\frac{1}{2}$-$\frac{1}{16}$	6	$7\frac{1}{4}$	21	4
5	2	16	$9\frac{7}{8}$	5	$10\frac{3}{4}$	19	$1\frac{1}{4}$-$\frac{1}{16}$	6	$7\frac{1}{2}$	21	$4\frac{3}{4}$-$\frac{1}{16}$
5	$2\frac{1}{4}$	16	$10\frac{3}{8}$	5	11	19	$2\frac{1}{8}$	6	$7\frac{3}{4}$	21	$5\frac{1}{2}$-$\frac{1}{16}$
5	$2\frac{1}{2}$	16	$11\frac{3}{8}$	5	$11\frac{1}{4}$	19	$2\frac{7}{8}$	6	8	21	$6\frac{3}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
6	$8\frac{1}{4}$	21	$7\frac{1}{8}$-$\frac{1}{16}$	7	5	23	$10\frac{5}{8}$-$\frac{1}{16}$	8	$1\frac{3}{4}$	26	$2\frac{1}{8}$-$\frac{1}{16}$
6	$8\frac{1}{2}$	21	8	7	$5\frac{1}{4}$	23	$11\frac{3}{8}$-$\frac{1}{16}$	8	2	26	$2\frac{7}{8}$-$\frac{1}{16}$
6	$8\frac{3}{4}$	21	$8\frac{3}{4}$	7	$5\frac{1}{2}$	24	$0\frac{1}{8}$-$\frac{1}{16}$	8	$2\frac{1}{4}$	26	$3\frac{5}{8}$-$\frac{1}{16}$
6	9	21	$9\frac{1}{2}$	7	$5\frac{3}{4}$	24	1	8	$2\frac{1}{2}$	26	$4\frac{1}{2}$
6	$9\frac{1}{4}$	21	$10\frac{1}{4}$-$\frac{1}{16}$	7	6	24	$1\frac{3}{4}$-$\frac{1}{16}$	8	$2\frac{3}{4}$	26	$5\frac{1}{4}$-$\frac{1}{16}$
6	$9\frac{1}{2}$	21	$11\frac{1}{8}$	7	$6\frac{1}{4}$	24	$2\frac{1}{2}$-$\frac{1}{16}$	8	3	26	$6\frac{1}{16}$
6	$9\frac{3}{4}$	21	$11\frac{7}{8}$	7	$6\frac{1}{2}$	24	$3\frac{3}{8}$	8	$3\frac{1}{4}$	26	$6\frac{3}{4}$-$\frac{1}{16}$
6	10	22	$0\frac{5}{8}$-$\frac{1}{16}$	7	$6\frac{3}{4}$	24	$4\frac{1}{8}$-$\frac{1}{16}$	8	$3\frac{1}{2}$	26	$7\frac{5}{8}$
6	$10\frac{1}{4}$	22	$1\frac{1}{2}$	7	7	24	5	8	$3\frac{3}{4}$	26	$8\frac{3}{8}$-$\frac{1}{16}$
6	$10\frac{1}{2}$	22	$2\frac{1}{4}$	7	$7\frac{1}{4}$	24	$5\frac{3}{4}$	8	4	26	$9\frac{1}{8}$-$\frac{1}{16}$
6	$10\frac{3}{4}$	22	3	7	$7\frac{1}{2}$	24	$6\frac{1}{2}$	8	$4\frac{1}{4}$	26	10
6	11	22	$3\frac{3}{4}$-$\frac{1}{16}$	7	$7\frac{3}{4}$	24	$7\frac{1}{4}$-$\frac{1}{16}$	8	$4\frac{1}{2}$	26	$10\frac{3}{4}$
6	$11\frac{1}{4}$	22	$4\frac{1}{2}$-$\frac{1}{16}$	7	8	24	$8\frac{1}{8}$	8	$4\frac{3}{4}$	26	$11\frac{1}{2}$-$\frac{1}{16}$
6	$11\frac{1}{2}$	22	$5\frac{3}{8}$	7	$8\frac{1}{4}$	24	$8\frac{7}{8}$	8	5	27	$0\frac{1}{4}$-$\frac{1}{16}$
6	$11\frac{3}{4}$	22	$6\frac{1}{8}$-$\frac{1}{16}$	7	$8\frac{1}{2}$	24	$9\frac{5}{8}$-$\frac{1}{16}$	8	$5\frac{1}{4}$	27	$1\frac{1}{16}$
7	0	22	7	7	$8\frac{3}{4}$	24	$10\frac{3}{8}$-$\frac{1}{16}$	8	$5\frac{1}{2}$	27	$1\frac{7}{8}$-$\frac{1}{16}$
7	$0\frac{1}{4}$	22	$7\frac{3}{4}$	7	9	24	$11\frac{1}{8}$-$\frac{1}{16}$	8	$5\frac{3}{4}$	27	$2\frac{5}{8}$-$\frac{1}{16}$
7	$0\frac{1}{2}$	22	$8\frac{1}{2}$	7	$9\frac{1}{4}$	25	0	8	6	27	$3\frac{1}{2}$
7	$0\frac{3}{4}$	22	$9\frac{1}{4}$-$\frac{1}{16}$	7	$9\frac{1}{2}$	25	$0\frac{3}{4}$-$\frac{1}{16}$	8	$6\frac{1}{4}$	27	$4\frac{1}{4}$
7	1	22	$10\frac{1}{8}$	7	$9\frac{3}{4}$	25	$1\frac{1}{2}$-$\frac{1}{16}$	8	$6\frac{1}{2}$	27	$5\frac{1}{16}$
7	$1\frac{1}{4}$	22	$10\frac{7}{8}$	7	10	25	$2\frac{3}{8}$	8	$6\frac{3}{4}$	27	$5\frac{3}{4}$-$\frac{1}{16}$
7	$1\frac{1}{2}$	22	$11\frac{5}{8}$-$\frac{1}{16}$	7	$10\frac{1}{4}$	25	$3\frac{1}{8}$-$\frac{1}{16}$	8	7	27	$6\frac{5}{8}$
7	$1\frac{3}{4}$	23	$0\frac{1}{2}$	7	$10\frac{1}{2}$	25	$3\frac{7}{8}$-$\frac{1}{16}$	8	$7\frac{1}{4}$	27	$7\frac{3}{8}$-$\frac{1}{16}$
7	2	23	$1\frac{1}{4}$	7	$10\frac{3}{4}$	25	$4\frac{5}{8}$-$\frac{1}{16}$	8	$7\frac{1}{2}$	27	$8\frac{1}{8}$-$\frac{1}{16}$
7	$2\frac{1}{4}$	23	2	7	11	25	$5\frac{1}{2}$	8	$7\frac{3}{4}$	27	9
7	$2\frac{1}{2}$	23	$2\frac{3}{4}$-$\frac{1}{16}$	7	$11\frac{1}{4}$	25	$6\frac{1}{4}$-$\frac{1}{16}$	8	8	27	$9\frac{3}{4}$
7	$2\frac{3}{4}$	23	$3\frac{1}{2}$-$\frac{1}{16}$	7	$11\frac{1}{2}$	25	$7\frac{1}{8}$	8	$8\frac{1}{4}$	27	$10\frac{1}{2}$
7	3	23	$4\frac{3}{8}$	7	$11\frac{3}{4}$	25	$7\frac{7}{8}$	8	$8\frac{1}{2}$	27	$11\frac{1}{4}$-$\frac{1}{16}$
7	$3\frac{1}{4}$	23	$5\frac{1}{8}$-$\frac{1}{16}$	8	0	25	$8\frac{5}{8}$-$\frac{1}{16}$	8	$8\frac{3}{4}$	28	$0\frac{1}{8}$
7	$3\frac{1}{2}$	23	6	8	$0\frac{1}{4}$	25	$9\frac{3}{8}$-$\frac{1}{16}$	8	9	28	$0\frac{7}{8}$
7	$3\frac{3}{4}$	23	$6\frac{3}{4}$	8	$0\frac{1}{2}$	25	$10\frac{1}{8}$-$\frac{1}{16}$	8	$9\frac{1}{4}$	28	$1\frac{5}{8}$-$\frac{1}{16}$
7	4	23	$7\frac{1}{2}$	8	$0\frac{3}{4}$	25	11	8	$9\frac{1}{2}$	28	$2\frac{1}{2}$
7	$4\frac{1}{4}$	23	$8\frac{1}{4}$-$\frac{1}{16}$	8	1	25	$11\frac{3}{4}$-$\frac{1}{16}$	8	$9\frac{3}{4}$	28	$3\frac{1}{4}$
7	$4\frac{1}{2}$	23	$9\frac{1}{16}$	8	$1\frac{1}{4}$	26	$0\frac{1}{2}$-$\frac{1}{16}$	8	10	28	4
7	$4\frac{3}{4}$	23	$9\frac{7}{8}$	8	$1\frac{1}{2}$	26	$1\frac{3}{8}$	8	$10\frac{1}{4}$	28	$4\frac{7}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
8	$10\frac{1}{2}$	28	$5\frac{5}{8}$	9	$7\frac{1}{4}$	30	$9\frac{1}{8}$	10	4	33	$0\frac{5}{8}$
8	$10\frac{3}{4}$	28	$6\frac{3}{8}$	9	$7\frac{1}{2}$	30	$9\frac{7}{8}$	10	$4\frac{1}{4}$	33	$1\frac{3}{8}$
8	11	28	$7\frac{1}{8}-\frac{1}{16}$	9	$7\frac{3}{4}$	30	$10\frac{5}{8}-\frac{1}{16}$	10	$4\frac{1}{2}$	33	$2\frac{1}{8}-\frac{1}{16}$
8	$11\frac{1}{4}$	28	8	9	8	30	$11\frac{3}{8}-\frac{1}{16}$	10	$4\frac{3}{4}$	33	3
8	$11\frac{1}{2}$	28	$8\frac{3}{4}$	9	$8\frac{1}{4}$	31	$0\frac{1}{4}$	10	5	33	$3\frac{3}{4}$
8	$11\frac{3}{4}$	28	$9\frac{1}{2}$	9	$8\frac{1}{2}$	31	1	10	$5\frac{1}{4}$	33	$4\frac{1}{2}$
9	0	28	$10\frac{1}{4}-\frac{1}{16}$	9	$8\frac{3}{4}$	31	$1\frac{3}{4}-\frac{1}{16}$	10	$5\frac{1}{2}$	33	$5\frac{1}{4}-\frac{1}{16}$
9	$0\frac{1}{4}$	28	$11\frac{1}{8}$	9	9	31	$2\frac{5}{8}$	10	$5\frac{3}{4}$	33	$6\frac{1}{16}$
9	$0\frac{1}{2}$	28	$11\frac{7}{8}$	9	$9\frac{1}{4}$	31	$3\frac{3}{8}$	10	6	33	$6\frac{7}{8}$
9	$0\frac{3}{4}$	29	$0\frac{5}{8}-\frac{1}{16}$	9	$9\frac{1}{2}$	31	$4\frac{1}{8}$	10	$6\frac{1}{4}$	33	$7\frac{5}{8}-\frac{1}{16}$
9	1	29	$1\frac{1}{2}$	9	$9\frac{3}{4}$	31	5	10	$6\frac{1}{2}$	33	$8\frac{3}{8}-\frac{1}{16}$
9	$1\frac{1}{4}$	29	$2\frac{1}{4}$	9	10	31	$5\frac{3}{4}$	10	$6\frac{3}{4}$	33	$9\frac{1}{4}$
9	$1\frac{1}{2}$	29	3	9	$10\frac{1}{4}$	31	$6\frac{1}{2}$	10	7	33	10
9	$1\frac{3}{4}$	29	$3\frac{1}{4}-\frac{1}{16}$	9	$10\frac{1}{2}$	31	$7\frac{1}{4}-\frac{1}{16}$	10	$7\frac{1}{4}$	33	$10\frac{3}{4}-\frac{1}{16}$
9	2	29	$4\frac{5}{8}$	9	$10\frac{3}{4}$	31	8	10	$7\frac{1}{2}$	33	$11\frac{1}{2}-\frac{1}{16}$
9	$2\frac{1}{4}$	29	$5\frac{3}{8}$	9	11	31	$8\frac{7}{8}$	10	$7\frac{3}{4}$	34	$0\frac{3}{8}$
9	$2\frac{1}{2}$	29	$6\frac{1}{8}-\frac{1}{16}$	9	$11\frac{1}{4}$	31	$9\frac{5}{8}-\frac{1}{16}$	10	8	34	$1\frac{1}{8}-\frac{1}{16}$
9	$2\frac{3}{4}$	29	7	9	$11\frac{1}{2}$	31	$10\frac{3}{8}-\frac{1}{16}$	10	$8\frac{1}{4}$	34	$1\frac{7}{8}-\frac{1}{16}$
9	3	29	$7\frac{3}{4}$	9	$11\frac{3}{4}$	31	$11\frac{1}{4}$	10	$8\frac{1}{2}$	34	$2\frac{3}{4}$
9	$3\frac{1}{4}$	29	$8\frac{1}{2}-\frac{1}{16}$	10	0	32	0	10	$8\frac{3}{4}$	34	$3\frac{1}{2}$
9	$3\frac{1}{2}$	29	$9\frac{1}{4}-\frac{1}{16}$	10	$0\frac{1}{4}$	32	$0\frac{3}{4}-\frac{1}{16}$	10	9	34	$4\frac{1}{4}-\frac{1}{16}$
9	$3\frac{3}{4}$	29	$10\frac{1}{8}$	10	$0\frac{1}{2}$	32	$1\frac{5}{8}$	10	$9\frac{1}{4}$	34	$5\frac{1}{16}$
9	4	29	$10\frac{7}{8}$	10	$0\frac{3}{4}$	32	$2\frac{3}{8}$	10	$9\frac{1}{2}$	34	$5\frac{7}{8}$
9	$4\frac{1}{4}$	29	$11\frac{5}{8}-\frac{1}{16}$	10	1	32	$3\frac{1}{8}-\frac{1}{16}$	10	$9\frac{3}{4}$	34	$6\frac{3}{8}-\frac{1}{16}$
9	$4\frac{1}{2}$	30	$0\frac{3}{8}-\frac{1}{16}$	10	$1\frac{1}{4}$	32	$3\frac{7}{8}$	10	10	34	$7\frac{3}{8}-\frac{1}{16}$
9	$4\frac{3}{4}$	30	$1\frac{1}{4}$	10	$1\frac{1}{2}$	32	$4\frac{3}{4}$	10	$10\frac{1}{4}$	34	$8\frac{1}{4}$
9	5	30	2	10	$1\frac{3}{4}$	32	$5\frac{1}{2}$	10	$10\frac{1}{2}$	34	9
9	$5\frac{1}{4}$	30	$2\frac{3}{4}-\frac{1}{16}$	10	2	32	$6\frac{1}{4}-\frac{1}{16}$	10	$10\frac{3}{4}$	34	$9\frac{3}{4}-\frac{1}{16}$
9	$5\frac{1}{2}$	30	$3\frac{5}{8}$	10	$2\frac{1}{4}$	32	$7\frac{1}{8}$	10	11	34	$10\frac{1}{2}-\frac{1}{16}$
9	$5\frac{3}{4}$	30	$4\frac{3}{8}$	10	$2\frac{1}{2}$	32	$7\frac{7}{8}$	10	$11\frac{1}{4}$	34	$11\frac{3}{8}$
9	6	30	$5\frac{1}{8}-\frac{1}{16}$	10	$2\frac{3}{4}$	32	$8\frac{5}{8}-\frac{1}{16}$	10	$11\frac{1}{2}$	35	$0\frac{1}{8}$
9	$6\frac{1}{4}$	30	6	10	3	32	$9\frac{3}{8}-\frac{1}{16}$	10	$11\frac{3}{4}$	35	$0\frac{7}{8}-\frac{1}{16}$
9	$6\frac{1}{2}$	30	$6\frac{3}{4}$	10	$3\frac{1}{4}$	32	$10\frac{1}{4}$	11	0	35	$1\frac{3}{4}$
9	$6\frac{3}{4}$	30	$7\frac{1}{2}$	10	$3\frac{1}{2}$	32	11	11	$0\frac{1}{4}$	35	$2\frac{1}{2}$
9	7	30	$8\frac{1}{4}-\frac{1}{16}$	10	$3\frac{3}{4}$	32	$11\frac{3}{4}-\frac{1}{16}$	11	$0\frac{1}{2}$	35	$3\frac{1}{4}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
11	$0\frac{3}{4}$	35	$4\frac{1}{16}$	11	$8\frac{3}{4}$	37	$5\frac{1}{4}$	12	$4\frac{3}{4}$	39	$6\frac{3}{8}$
11	1	35	$4\frac{7}{8}$	11	9	37	6	12	5	39	$7\frac{1}{8}$
11	$1\frac{1}{4}$	35	$5\frac{5}{8}$	11	$9\frac{1}{4}$	37	$6\frac{3}{4}$	12	$5\frac{1}{4}$	39	$7\frac{7}{8}-\frac{1}{16}$
11	$1\frac{1}{2}$	35	$6\frac{3}{8}-\frac{1}{16}$	11	$9\frac{1}{2}$	37	$7\frac{1}{2}-\frac{1}{16}$	12	$5\frac{1}{2}$	39	$8\frac{5}{8}-\frac{1}{16}$
11	$1\frac{3}{4}$	35	$7\frac{1}{4}$	11	$9\frac{3}{4}$	37	$8\frac{3}{8}$	12	$5\frac{3}{4}$	39	$9\frac{1}{2}$
11	2	35	8	11	10	37	$9\frac{1}{8}$	12	6	39	$10\frac{1}{4}-\frac{1}{16}$
11	$2\frac{1}{4}$	35	$8\frac{3}{4}-\frac{1}{16}$	11	$10\frac{1}{4}$	37	$9\frac{7}{8}$	12	$6\frac{1}{4}$	39	$11\frac{1}{16}$
11	$2\frac{1}{2}$	35	$9\frac{1}{2}-\frac{1}{16}$	11	$10\frac{1}{2}$	37	$10\frac{3}{4}$	12	$6\frac{1}{2}$	39	$11\frac{3}{4}-\frac{1}{16}$
11	$2\frac{3}{4}$	35	$10\frac{3}{8}$	11	$10\frac{3}{4}$	37	$11\frac{1}{2}$	12	$6\frac{3}{4}$	40	$0\frac{5}{8}$
11	3	35	$11\frac{1}{8}$	11	11	38	$0\frac{1}{4}-\frac{1}{16}$	12	7	40	$1\frac{3}{8}-\frac{1}{16}$
11	$3\frac{1}{4}$	35	$11\frac{7}{8}-\frac{1}{16}$	11	$11\frac{1}{4}$	38	$1\frac{1}{8}$	12	$7\frac{1}{4}$	40	$2\frac{1}{8}-\frac{1}{16}$
11	$3\frac{1}{2}$	36	$0\frac{5}{8}-\frac{1}{16}$	11	$11\frac{1}{2}$	38	$1\frac{7}{8}$	12	$7\frac{1}{2}$	40	$2\frac{7}{8}-\frac{1}{16}$
11	$3\frac{3}{4}$	36	$1\frac{1}{2}$	11	$11\frac{3}{4}$	38	$2\frac{5}{8}$	12	$7\frac{3}{4}$	40	$3\frac{3}{4}-\frac{1}{16}$
11	4	36	$2\frac{1}{4}-\frac{1}{16}$	12	0	38	$3\frac{3}{8}$	12	8	40	$4\frac{1}{2}-\frac{1}{16}$
11	$4\frac{1}{4}$	36	$3\frac{1}{16}$	12	$0\frac{1}{4}$	38	$4\frac{1}{8}-\frac{1}{16}$	12	$8\frac{1}{4}$	40	$5\frac{1}{4}-\frac{1}{16}$
11	$4\frac{1}{2}$	36	$3\frac{7}{8}$	12	$0\frac{1}{2}$	38	5	12	$8\frac{1}{2}$	40	$6\frac{1}{8}$
11	$4\frac{3}{4}$	36	$4\frac{5}{8}$	12	$0\frac{3}{4}$	38	$5\frac{3}{4}-\frac{1}{16}$	12	$8\frac{3}{4}$	40	$6\frac{7}{8}-\frac{1}{16}$
11	5	36	$5\frac{3}{8}-\frac{1}{16}$	12	1	38	$6\frac{5}{8}$	12	9	40	$7\frac{3}{4}$
11	$5\frac{1}{4}$	36	$6\frac{1}{4}$	12	$1\frac{1}{4}$	38	$7\frac{3}{8}$	12	$9\frac{1}{4}$	40	$8\frac{1}{2}$
11	$5\frac{1}{2}$	36	7	12	$1\frac{1}{2}$	38	$8\frac{1}{8}$	12	$9\frac{1}{2}$	40	$9\frac{1}{4}-\frac{1}{16}$
11	$5\frac{3}{4}$	36	$7\frac{3}{4}-\frac{1}{16}$	12	$1\frac{3}{4}$	38	$8\frac{7}{8}-\frac{1}{16}$	12	$9\frac{3}{4}$	40	$10\frac{1}{16}$
11	6	36	$8\frac{1}{2}-\frac{1}{16}$	12	2	38	$9\frac{3}{4}$	12	10	40	$10\frac{7}{8}$
11	$6\frac{1}{4}$	36	$9\frac{3}{8}$	12	$2\frac{1}{4}$	38	$10\frac{1}{2}$	12	$10\frac{1}{4}$	40	$11\frac{5}{8}-\frac{1}{16}$
11	$6\frac{1}{2}$	36	$10\frac{1}{8}$	12	$2\frac{1}{2}$	38	$11\frac{1}{4}$	12	$10\frac{1}{2}$	41	$0\frac{3}{8}-\frac{1}{16}$
11	$6\frac{3}{4}$	36	$10\frac{7}{8}-\frac{1}{16}$	12	$2\frac{3}{4}$	39	$0\frac{1}{16}$	12	$10\frac{3}{4}$	41	$1\frac{1}{4}$
11	7	36	$11\frac{3}{4}$	12	3	39	$0\frac{7}{8}$	12	11	41	$2\frac{1}{16}$
11	$7\frac{1}{4}$	37	$0\frac{1}{2}$	12	$3\frac{1}{4}$	39	$1\frac{5}{8}$	12	$11\frac{1}{4}$	41	$2\frac{7}{8}$
11	$7\frac{1}{2}$	37	$1\frac{1}{4}-\frac{1}{16}$	12	$3\frac{1}{2}$	39	$2\frac{3}{8}-\frac{1}{16}$	12	$11\frac{1}{2}$	41	$3\frac{5}{8}$
11	$7\frac{3}{4}$	37	$2\frac{1}{16}$	12	$3\frac{3}{4}$	39	$3\frac{1}{4}$	12	$11\frac{3}{4}$	41	$4\frac{3}{8}$
11	8	37	$2\frac{7}{8}$	12	4	39	4	13	0	41	$5\frac{1}{8}-\frac{1}{16}$
11	$8\frac{1}{4}$	37	$3\frac{5}{8}$	12	$4\frac{1}{4}$	39	$4\frac{3}{4}-\frac{1}{16}$				
11	$8\frac{1}{2}$	37	$4\frac{3}{8}-\frac{1}{16}$	12	$4\frac{1}{2}$	39	$5\frac{1}{2}-\frac{1}{16}$				

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	0	3	$9\frac{1}{2}$	1	$8\frac{3}{4}$	6	1	2	$5\frac{1}{2}$	8	$4\frac{1}{2}$
1	$0\frac{1}{4}$	3	$10\frac{1}{4}-\frac{1}{16}$	1	9	6	$1\frac{3}{4}-\frac{1}{16}$	2	$5\frac{3}{4}$	8	$5\frac{1}{4}-\frac{1}{16}$
1	$0\frac{1}{2}$	3	$11\frac{1}{16}$	1	$9\frac{1}{4}$	6	$2\frac{1}{2}-\frac{1}{16}$	2	6	8	$6\frac{1}{16}$
1	$0\frac{3}{4}$	3	$11\frac{7}{8}$	1	$9\frac{1}{2}$	6	$3\frac{3}{8}$	2	$6\frac{1}{4}$	8	$6\frac{7}{8}$
1	1	4	$0\frac{5}{8}-\frac{1}{16}$	1	$9\frac{3}{4}$	6	$4\frac{1}{8}$	2	$6\frac{1}{2}$	8	$7\frac{5}{8}-\frac{1}{16}$
1	$1\frac{1}{4}$	4	$1\frac{3}{8}-\frac{1}{16}$	1	10	6	$4\frac{7}{8}-\frac{1}{16}$	2	$6\frac{3}{4}$	8	$8\frac{1}{2}$
1	$1\frac{1}{2}$	4	$2\frac{1}{4}$	1	$10\frac{1}{4}$	6	$5\frac{3}{4}$	2	7	8	$9\frac{1}{4}$
1	$1\frac{3}{4}$	4	$3\frac{1}{16}$	1	$10\frac{1}{2}$	6	$6\frac{1}{2}$	2	$7\frac{1}{4}$	8	10
1	2	4	$3\frac{3}{4}-\frac{1}{16}$	1	$10\frac{3}{4}$	6	$7\frac{1}{4}-\frac{1}{16}$	2	$7\frac{1}{2}$	8	$10\frac{3}{4}-\frac{1}{16}$
1	$2\frac{1}{4}$	4	$4\frac{1}{2}-\frac{1}{16}$	1	11	6	$8\frac{1}{8}$	2	$7\frac{3}{4}$	8	$11\frac{5}{8}$
1	$2\frac{1}{2}$	4	$5\frac{3}{8}$	1	$11\frac{1}{4}$	6	$8\frac{7}{8}$	2	8	9	$0\frac{3}{8}$
1	$2\frac{3}{4}$	4	$6\frac{1}{8}-\frac{1}{16}$	1	$11\frac{1}{2}$	6	$9\frac{5}{8}-\frac{1}{16}$	2	$8\frac{1}{4}$	9	$1\frac{1}{8}-\frac{1}{16}$
1	3	4	$6\frac{7}{8}-\frac{1}{16}$	1	$11\frac{3}{4}$	6	$10\frac{3}{8}-\frac{1}{16}$	2	$8\frac{1}{2}$	9	2
1	$3\frac{1}{4}$	4	$7\frac{3}{4}$	2	0	6	$11\frac{1}{4}$	2	$8\frac{3}{4}$	9	$2\frac{3}{4}$
1	$3\frac{1}{2}$	4	$8\frac{1}{2}$	2	$0\frac{1}{4}$	7	0	2	9	9	$3\frac{1}{2}$
1	$3\frac{3}{4}$	4	$9\frac{1}{4}-\frac{1}{16}$	2	$0\frac{1}{2}$	7	$0\frac{3}{4}-\frac{1}{16}$	2	$9\frac{1}{4}$	9	$4\frac{1}{4}-\frac{1}{16}$
1	4	4	$10\frac{1}{16}$	2	$0\frac{3}{4}$	7	$1\frac{1}{2}-\frac{1}{16}$	2	$9\frac{1}{2}$	9	$5\frac{1}{16}$
1	$4\frac{1}{4}$	4	$10\frac{7}{8}$	2	1	7	$2\frac{3}{8}$	2	$9\frac{3}{4}$	9	$5\frac{7}{8}$
1	$4\frac{1}{2}$	4	$11\frac{5}{8}-\frac{1}{16}$	2	$1\frac{1}{4}$	7	$3\frac{1}{8}$	2	10	9	$6\frac{5}{8}-\frac{1}{16}$
1	$4\frac{3}{4}$	5	$0\frac{3}{8}-\frac{1}{16}$	2	$1\frac{1}{2}$	7	$3\frac{7}{8}-\frac{1}{16}$	2	$10\frac{1}{4}$	9	$7\frac{3}{8}-\frac{1}{16}$
1	5	5	$1\frac{1}{4}$	2	$1\frac{3}{4}$	7	$4\frac{3}{4}$	2	$10\frac{1}{2}$	9	$8\frac{1}{8}-\frac{1}{16}$
1	$5\frac{1}{4}$	5	2	2	2	7	$5\frac{1}{2}$	2	$10\frac{3}{4}$	9	9
1	$5\frac{1}{2}$	5	$2\frac{3}{4}-\frac{1}{16}$	2	$2\frac{1}{4}$	7	$6\frac{1}{4}-\frac{1}{16}$	2	11	9	$9\frac{3}{4}-\frac{1}{16}$
1	$5\frac{3}{4}$	5	$3\frac{1}{2}-\frac{1}{16}$	2	$2\frac{1}{2}$	7	$7\frac{1}{16}$	2	$11\frac{1}{4}$	9	$10\frac{1}{2}-\frac{1}{16}$
1	6	5	$4\frac{3}{8}$	2	$2\frac{3}{4}$	7	$7\frac{7}{8}$	2	$11\frac{1}{2}$	9	$11\frac{3}{8}$
1	$6\frac{1}{4}$	5	$5\frac{1}{8}-\frac{1}{16}$	2	3	7	$8\frac{5}{8}$	2	$11\frac{3}{4}$	10	$0\frac{1}{8}-\frac{1}{16}$
1	$6\frac{1}{2}$	5	$5\frac{7}{8}-\frac{1}{16}$	2	$3\frac{1}{4}$	7	$9\frac{3}{8}-\frac{1}{16}$	3	0	10	1
1	$6\frac{3}{4}$	5	$6\frac{3}{4}$	2	$3\frac{1}{2}$	7	$10\frac{1}{4}$	3	$0\frac{1}{4}$	10	$1\frac{3}{4}$
1	7	5	$7\frac{1}{2}$	2	$3\frac{3}{4}$	7	11	3	$0\frac{1}{2}$	10	$2\frac{1}{2}$
1	$7\frac{1}{4}$	5	$8\frac{1}{4}-\frac{1}{16}$	2	4	7	$11\frac{3}{4}-\frac{1}{16}$	3	$0\frac{3}{4}$	10	$3\frac{1}{4}-\frac{1}{16}$
1	$7\frac{1}{2}$	5	$9\frac{1}{16}$	2	$4\frac{1}{4}$	8	$0\frac{1}{2}-\frac{1}{16}$	3	1	10	$4\frac{1}{8}$
1	$7\frac{3}{4}$	5	$9\frac{7}{8}$	2	$4\frac{1}{2}$	8	$1\frac{3}{8}$	3	$1\frac{1}{4}$	10	$4\frac{7}{8}$
1	8	5	$10\frac{5}{8}$	2	$4\frac{3}{4}$	8	$2\frac{1}{8}-\frac{1}{16}$	3	$1\frac{1}{2}$	10	$5\frac{5}{8}-\frac{1}{16}$
1	$8\frac{1}{4}$	5	$11\frac{3}{8}-\frac{1}{16}$	2	5	8	3	3	$1\frac{3}{4}$	10	$6\frac{3}{8}-\frac{1}{16}$
1	$8\frac{1}{2}$	6	$0\frac{1}{4}$	2	$5\frac{1}{4}$	8	$3\frac{3}{4}$	3	2	10	$7\frac{1}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	$2\frac{1}{4}$	10	8	3	11	12	$11\frac{1}{2}$	4	$7\frac{3}{4}$	15	3
3	$2\frac{1}{2}$	10	$8\frac{3}{4}$-$\frac{1}{16}$	3	$11\frac{1}{4}$	13	$0\frac{1}{4}$-$\frac{1}{16}$	4	8	15	$3\frac{3}{4}$-$\frac{1}{16}$
3	$2\frac{3}{4}$	10	$9\frac{5}{8}$	3	$11\frac{1}{2}$	13	$1\frac{1}{16}$	4	$8\frac{1}{4}$	15	$4\frac{1}{2}$-$\frac{1}{16}$
3	3	10	$10\frac{3}{8}$	3	$11\frac{3}{4}$	13	$1\frac{7}{8}$	4	$8\frac{1}{2}$	15	$5\frac{3}{8}$
3	$3\frac{1}{4}$	10	$11\frac{1}{8}$-$\frac{1}{16}$	4	0	13	$2\frac{5}{8}$-$\frac{1}{16}$	4	$8\frac{3}{4}$	15	$6\frac{1}{8}$
3	$3\frac{1}{2}$	10	$11\frac{7}{8}$-$\frac{1}{16}$	4	$0\frac{1}{4}$	13	$3\frac{3}{8}$-$\frac{1}{16}$	4	9	15	$6\frac{7}{8}$
3	$3\frac{3}{4}$	11	$0\frac{5}{8}$-$\frac{1}{16}$	4	$0\frac{1}{2}$	13	$4\frac{1}{8}$-$\frac{1}{16}$	4	$9\frac{1}{4}$	15	$7\frac{5}{8}$-$\frac{1}{16}$
3	4	11	$1\frac{1}{2}$	4	$0\frac{3}{4}$	13	5	4	$9\frac{1}{2}$	15	$8\frac{1}{2}$
3	$4\frac{1}{4}$	11	$2\frac{1}{4}$-$\frac{1}{16}$	4	1	13	$5\frac{3}{4}$-$\frac{1}{16}$	4	$9\frac{3}{4}$	15	$9\frac{1}{4}$-$\frac{1}{16}$
3	$4\frac{1}{2}$	11	$3\frac{1}{16}$	4	$1\frac{1}{4}$	13	$6\frac{1}{2}$-$\frac{1}{16}$	4	10	15	$10\frac{1}{16}$
3	$4\frac{3}{4}$	11	$3\frac{7}{8}$	4	$1\frac{1}{2}$	13	$7\frac{3}{8}$	4	$10\frac{1}{4}$	15	$10\frac{7}{8}$
3	5	11	$4\frac{5}{8}$-$\frac{1}{16}$	4	$1\frac{3}{4}$	13	$8\frac{1}{8}$	4	$10\frac{1}{2}$	15	$11\frac{5}{8}$
3	$5\frac{1}{4}$	11	$5\frac{3}{8}$-$\frac{1}{16}$	4	2	13	$8\frac{7}{8}$	4	$10\frac{3}{4}$	16	$0\frac{3}{8}$
3	$5\frac{1}{2}$	11	$6\frac{1}{8}$-$\frac{1}{16}$	4	$2\frac{1}{4}$	13	$9\frac{5}{8}$-$\frac{1}{16}$	4	11	16	$1\frac{1}{8}$-$\frac{1}{16}$
3	$5\frac{3}{4}$	11	7	4	$2\frac{1}{2}$	13	$10\frac{1}{2}$	4	$11\frac{1}{4}$	16	2
3	6	11	$7\frac{3}{4}$-$\frac{1}{16}$	4	$2\frac{3}{4}$	13	$11\frac{1}{4}$-$\frac{1}{16}$	4	$11\frac{1}{2}$	16	$2\frac{3}{4}$-$\frac{1}{16}$
3	$6\frac{1}{4}$	11	$8\frac{1}{2}$-$\frac{1}{16}$	4	3	14	$0\frac{1}{16}$	4	$11\frac{3}{4}$	16	$3\frac{1}{2}$-$\frac{1}{16}$
3	$6\frac{1}{2}$	11	$9\frac{3}{8}$	4	$3\frac{1}{4}$	14	$0\frac{7}{8}$	5	0	16	$4\frac{3}{8}$
3	$6\frac{3}{4}$	11	$10\frac{1}{8}$-$\frac{1}{16}$	4	$3\frac{1}{2}$	14	$1\frac{5}{8}$	5	$0\frac{1}{4}$	16	$5\frac{1}{8}$
3	7	11	$10\frac{7}{8}$-$\frac{1}{16}$	4	$3\frac{3}{4}$	14	$2\frac{3}{8}$	5	$0\frac{1}{2}$	16	$5\frac{7}{8}$
3	$7\frac{1}{4}$	11	$11\frac{5}{8}$-$\frac{1}{16}$	4	4	14	$3\frac{1}{8}$-$\frac{1}{16}$	5	$0\frac{3}{4}$	16	$6\frac{5}{8}$-$\frac{1}{16}$
3	$7\frac{1}{2}$	12	$0\frac{1}{2}$	4	$4\frac{1}{4}$	14	4	5	1	16	$7\frac{1}{2}$
3	$7\frac{3}{4}$	12	$1\frac{1}{4}$-$\frac{1}{16}$	4	$4\frac{1}{2}$	14	$4\frac{3}{4}$-$\frac{1}{16}$	5	$1\frac{1}{4}$	16	$8\frac{1}{4}$-$\frac{1}{16}$
3	8	12	$2\frac{1}{16}$	4	$4\frac{3}{4}$	14	$5\frac{1}{2}$-$\frac{1}{16}$	5	$1\frac{1}{2}$	16	$9\frac{1}{8}$
3	$8\frac{1}{4}$	12	$2\frac{7}{8}$	4	5	14	$6\frac{3}{8}$	5	$1\frac{3}{4}$	16	$9\frac{7}{8}$
3	$8\frac{1}{2}$	12	$3\frac{5}{8}$-$\frac{1}{16}$	4	$5\frac{1}{4}$	14	$7\frac{1}{8}$	5	2	16	$10\frac{3}{8}$
3	$8\frac{3}{4}$	12	$4\frac{3}{8}$-$\frac{1}{16}$	4	$5\frac{1}{2}$	14	$7\frac{7}{8}$	5	$2\frac{1}{4}$	16	$11\frac{3}{8}$
3	9	12	$5\frac{1}{8}$-$\frac{1}{16}$	4	$5\frac{3}{4}$	14	$8\frac{5}{8}$-$\frac{1}{16}$	5	$2\frac{1}{2}$	17	$0\frac{1}{8}$-$\frac{1}{16}$
3	$9\frac{1}{4}$	12	6	4	6	14	$9\frac{1}{2}$	5	$2\frac{3}{4}$	17	1
3	$9\frac{1}{2}$	12	$6\frac{3}{4}$-$\frac{1}{16}$	4	$6\frac{1}{4}$	14	$10\frac{1}{4}$	5	3	17	$1\frac{3}{4}$-$\frac{1}{16}$
3	$9\frac{3}{4}$	12	$7\frac{1}{2}$-$\frac{1}{16}$	4	$6\frac{1}{2}$	14	$11\frac{1}{8}$	5	$3\frac{1}{4}$	17	$2\frac{1}{2}$-$\frac{1}{16}$
3	10	12	$8\frac{3}{8}$	4	$6\frac{3}{4}$	14	$11\frac{7}{8}$	5	$3\frac{1}{2}$	17	$3\frac{3}{8}$
3	$10\frac{1}{4}$	12	$9\frac{1}{8}$-$\frac{1}{16}$	4	7	15	$0\frac{5}{8}$	5	$3\frac{3}{4}$	17	$4\frac{1}{8}$
3	$10\frac{1}{2}$	12	$9\frac{7}{8}$-$\frac{1}{16}$	4	$7\frac{1}{4}$	15	$1\frac{3}{8}$	5	4	17	$4\frac{7}{8}$
3	$10\frac{3}{4}$	12	$10\frac{5}{8}$-$\frac{1}{16}$	4	$7\frac{1}{2}$	15	$2\frac{1}{8}$-$\frac{1}{16}$	5	$4\frac{1}{4}$	17	$5\frac{5}{8}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
5	$4\frac{1}{2}$	17	$6\frac{1}{2}$	6	$1\frac{1}{4}$	19	10	6	10	22	$1\frac{1}{2}$
5	$4\frac{3}{4}$	17	$7\frac{1}{4}$	6	$1\frac{1}{2}$	19	$10\frac{3}{4}-\frac{1}{16}$	6	$10\frac{1}{4}$	22	$2\frac{1}{4}$
5	5	17	$8\frac{1}{8}$	6	$1\frac{3}{4}$	19	$11\frac{1}{2}-\frac{1}{16}$	6	$10\frac{1}{2}$	22	3
5	$5\frac{1}{4}$	17	$8\frac{7}{8}$	6	2	20	$0\frac{1}{4}-\frac{1}{16}$	6	$10\frac{3}{4}$	22	$3\frac{3}{4}-\frac{1}{16}$
5	$5\frac{1}{2}$	17	$9\frac{5}{8}$	6	$2\frac{1}{4}$	20	$1\frac{1}{8}$	6	11	22	$4\frac{1}{2}-\frac{1}{16}$
5	$5\frac{3}{4}$	17	$10\frac{3}{8}$	6	$2\frac{1}{2}$	20	$1\frac{7}{8}$	6	$11\frac{1}{4}$	22	$5\frac{3}{8}$
5	6	17	$11\frac{1}{8}-\frac{1}{16}$	6	$2\frac{3}{4}$	20	$2\frac{5}{8}-\frac{1}{16}$	6	$11\frac{1}{2}$	22	$6\frac{1}{8}-\frac{1}{16}$
5	$6\frac{1}{4}$	18	0	6	3	20	$3\frac{1}{2}$	6	$11\frac{3}{4}$	22	7
5	$6\frac{1}{2}$	18	$0\frac{3}{4}-\frac{1}{16}$	6	$3\frac{1}{4}$	20	$4\frac{1}{4}-\frac{1}{16}$	7	0	22	$7\frac{3}{4}$
5	$6\frac{3}{4}$	18	$1\frac{1}{2}-\frac{1}{16}$	6	$3\frac{1}{2}$	20	$5-\frac{1}{16}$	7	$0\frac{1}{4}$	22	$8\frac{1}{2}$
5	7	18	$2\frac{1}{4}-\frac{1}{16}$	6	$3\frac{3}{4}$	20	$5\frac{3}{4}-\frac{1}{16}$	7	$0\frac{1}{2}$	22	$9\frac{1}{4}-\frac{1}{16}$
5	$7\frac{1}{4}$	18	$3\frac{1}{8}$	6	4	20	$6\frac{1}{2}-\frac{1}{16}$	7	$0\frac{3}{4}$	22	$10\frac{1}{8}$
5	$7\frac{1}{2}$	18	$3\frac{7}{8}$	6	$4\frac{1}{4}$	20	$7\frac{3}{8}$	7	1	22	$10\frac{7}{8}$
5	$7\frac{3}{4}$	18	$4\frac{5}{8}-\frac{1}{16}$	6	$4\frac{1}{2}$	20	$8\frac{1}{8}-\frac{1}{16}$	7	$1\frac{1}{4}$	22	$11\frac{5}{8}-\frac{1}{16}$
5	8	18	$5\frac{1}{2}$	6	$4\frac{3}{4}$	20	9	7	$1\frac{1}{2}$	23	$0\frac{1}{2}$
5	$8\frac{1}{4}$	18	$6\frac{1}{4}-\frac{1}{16}$	6	5	20	$9\frac{3}{4}$	7	$1\frac{3}{4}$	23	$1\frac{1}{4}$
5	$8\frac{1}{2}$	18	$7\frac{1}{16}$	6	$5\frac{1}{4}$	20	$10\frac{1}{2}$	7	2	23	2
5	$8\frac{3}{4}$	18	$7\frac{3}{4}-\frac{1}{16}$	6	$5\frac{1}{2}$	20	$11\frac{1}{4}-\frac{1}{16}$	7	$2\frac{1}{4}$	23	$2\frac{3}{4}-\frac{1}{16}$
5	9	18	$8\frac{1}{2}-\frac{1}{16}$	6	$5\frac{3}{4}$	21	$0\frac{1}{8}$	7	$2\frac{1}{2}$	23	$3\frac{1}{2}-\frac{1}{16}$
5	$9\frac{1}{4}$	18	$9\frac{3}{8}$	6	6	21	$0\frac{7}{8}$	7	$2\frac{3}{4}$	23	$4\frac{3}{8}$
5	$9\frac{1}{2}$	18	$10\frac{1}{8}-\frac{1}{16}$	6	$6\frac{1}{4}$	21	$1\frac{5}{8}-\frac{1}{16}$	7	3	23	$5\frac{1}{8}-\frac{1}{16}$
5	$9\frac{3}{4}$	18	11	6	$6\frac{1}{2}$	21	$2\frac{1}{2}$	7	$3\frac{1}{4}$	23	6
5	10	18	$11\frac{3}{4}-\frac{1}{16}$	6	$6\frac{3}{4}$	21	$3\frac{1}{4}$	7	$3\frac{1}{2}$	23	$6\frac{3}{4}$
5	$10\frac{1}{4}$	19	$0\frac{1}{2}-\frac{1}{16}$	6	7	21	4	7	$3\frac{3}{4}$	23	$7\frac{1}{2}$
5	$10\frac{1}{2}$	19	$1\frac{1}{4}-\frac{1}{16}$	6	$7\frac{1}{4}$	21	$4\frac{3}{4}-\frac{1}{16}$	7	4	23	$8\frac{1}{4}-\frac{1}{16}$
5	$10\frac{3}{4}$	19	$2\frac{1}{8}$	6	$7\frac{1}{2}$	21	$5\frac{1}{2}-\frac{1}{16}$	7	$4\frac{1}{4}$	23	$9\frac{1}{16}$
5	11	19	$2\frac{7}{8}$	6	$7\frac{3}{4}$	21	$6\frac{3}{8}$	7	$4\frac{1}{2}$	23	$9\frac{7}{8}$
5	$11\frac{1}{4}$	19	$3\frac{5}{8}-\frac{1}{16}$	6	8	21	$7\frac{1}{8}-\frac{1}{16}$	7	$4\frac{3}{4}$	23	$10\frac{5}{8}-\frac{1}{16}$
5	$11\frac{1}{2}$	19	$4\frac{1}{2}$	6	$8\frac{1}{4}$	21	8	7	5	23	$11\frac{3}{8}-\frac{1}{16}$
5	$11\frac{3}{4}$	19	$5\frac{1}{4}-\frac{1}{16}$	6	$8\frac{1}{2}$	21	$8\frac{3}{4}$	7	$5\frac{1}{4}$	24	$0\frac{1}{8}-\frac{1}{16}$
6	0	19	$6-\frac{1}{16}$	6	$8\frac{3}{4}$	21	$9\frac{1}{2}$	7	$5\frac{1}{2}$	24	1
6	$0\frac{1}{4}$	19	$6\frac{3}{4}-\frac{1}{16}$	6	9	21	$10\frac{1}{4}-\frac{1}{16}$	7	$5\frac{3}{4}$	24	$1\frac{3}{4}-\frac{1}{16}$
6	$0\frac{1}{2}$	19	$7\frac{1}{2}-\frac{1}{16}$	6	$9\frac{1}{4}$	21	$11\frac{1}{8}$	7	6	24	$2\frac{1}{2}-\frac{1}{16}$
6	$0\frac{3}{4}$	19	$8\frac{3}{8}$	6	$9\frac{1}{2}$	21	$11\frac{7}{8}$	7	$6\frac{1}{4}$	24	$3\frac{3}{8}$
6	1	19	$9\frac{1}{8}-\frac{1}{16}$	6	$9\frac{3}{4}$	22	$0\frac{5}{8}-\frac{1}{16}$	7	$6\frac{1}{2}$	24	$4\frac{1}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
7	$6\frac{3}{4}$	24	5	8	$3\frac{1}{2}$	26	$8\frac{3}{8}-\frac{1}{16}$	9	$0\frac{1}{4}$	28	$11\frac{7}{8}$
7	7	24	$5\frac{3}{4}$	8	$3\frac{3}{4}$	26	$9\frac{1}{8}-\frac{1}{16}$	9	$0\frac{1}{2}$	29	$0\frac{5}{8}-\frac{1}{16}$
7	$7\frac{1}{4}$	24	$6\frac{1}{2}$	8	4	26	10	9	$0\frac{3}{4}$	29	$1\frac{1}{2}$
7	$7\frac{1}{2}$	24	$7\frac{1}{4}-\frac{1}{16}$	8	$4\frac{1}{4}$	26	$10\frac{3}{4}$	9	1	29	$2\frac{1}{4}$
7	$7\frac{3}{4}$	24	$8\frac{1}{8}$	8	$4\frac{1}{2}$	26	$11\frac{1}{2}-\frac{1}{16}$	9	$1\frac{1}{4}$	29	3
7	8	24	$8\frac{7}{8}$	8	$4\frac{3}{4}$	27	$0\frac{1}{4}-\frac{1}{16}$	9	$1\frac{1}{2}$	29	$3\frac{3}{4}-\frac{1}{16}$
7	$8\frac{1}{4}$	24	$9\frac{5}{8}-\frac{1}{16}$	8	5	27	$1\frac{1}{16}$	9	$1\frac{3}{4}$	29	$4\frac{5}{8}$
7	$8\frac{1}{2}$	24	$10\frac{3}{8}-\frac{1}{16}$	8	$5\frac{1}{4}$	27	$1\frac{7}{8}-\frac{1}{16}$	9	2	29	$5\frac{3}{8}$
7	$8\frac{3}{4}$	24	$11\frac{1}{8}-\frac{1}{16}$	8	$5\frac{1}{2}$	27	$2\frac{5}{8}-\frac{1}{16}$	9	$2\frac{1}{4}$	29	$6\frac{1}{8}-\frac{1}{16}$
7	9	25	0	8	$5\frac{3}{4}$	27	$3\frac{1}{2}$	9	$2\frac{1}{2}$	29	7
7	$9\frac{1}{4}$	25	$0\frac{3}{4}-\frac{1}{16}$	8	6	27	$4\frac{1}{4}$	9	$2\frac{3}{4}$	29	$7\frac{3}{4}$
7	$9\frac{1}{2}$	25	$1\frac{1}{2}-\frac{1}{16}$	8	$6\frac{1}{4}$	27	$5\frac{1}{16}$	9	3	29	$8\frac{1}{2}-\frac{1}{16}$
7	$9\frac{3}{4}$	25	$2\frac{3}{8}$	8	$6\frac{1}{2}$	27	$5\frac{3}{4}-\frac{1}{16}$	9	$3\frac{1}{4}$	29	$9\frac{1}{4}-\frac{1}{16}$
7	10	25	$3\frac{1}{8}-\frac{1}{16}$	8	$6\frac{3}{4}$	27	$6\frac{5}{8}$	9	$3\frac{1}{2}$	29	$10\frac{1}{8}$
7	$10\frac{1}{4}$	25	$3\frac{7}{8}-\frac{1}{16}$	8	7	27	$7\frac{3}{8}-\frac{1}{16}$	9	$3\frac{3}{4}$	29	$10\frac{7}{8}$
7	$10\frac{1}{2}$	25	$4\frac{5}{8}-\frac{1}{16}$	8	$7\frac{1}{4}$	27	$8\frac{1}{8}-\frac{1}{16}$	9	4	29	$11\frac{5}{8}-\frac{1}{16}$
7	$10\frac{3}{4}$	25	$5\frac{1}{2}$	8	$7\frac{1}{2}$	27	9	9	$4\frac{1}{4}$	30	$0\frac{3}{8}-\frac{1}{16}$
7	11	25	$6\frac{1}{4}-\frac{1}{16}$	8	$7\frac{3}{4}$	27	$9\frac{3}{4}$	9	$4\frac{1}{2}$	30	$1\frac{1}{4}$
7	$11\frac{1}{4}$	25	$7\frac{1}{8}$	8	8	27	$10\frac{1}{2}$	9	$4\frac{3}{4}$	30	2
7	$11\frac{1}{2}$	25	$7\frac{7}{8}$	8	$8\frac{1}{4}$	27	$11\frac{1}{4}-\frac{1}{16}$	9	5	30	$2\frac{3}{4}-\frac{1}{16}$
7	$11\frac{3}{4}$	25	$8\frac{5}{8}-\frac{1}{16}$	8	$8\frac{1}{2}$	28	$0\frac{1}{8}$	9	$5\frac{1}{4}$	30	$3\frac{5}{8}$
8	0	25	$9\frac{3}{8}-\frac{1}{16}$	8	$8\frac{3}{4}$	28	$0\frac{7}{8}$	9	$5\frac{1}{2}$	30	$4\frac{3}{8}$
8	$0\frac{1}{4}$	25	$10\frac{1}{8}-\frac{1}{16}$	8	9	28	$1\frac{5}{8}-\frac{1}{16}$	9	$5\frac{3}{4}$	30	$5\frac{1}{8}-\frac{1}{16}$
8	$0\frac{1}{2}$	25	11	8	$9\frac{1}{4}$	28	$2\frac{1}{2}$	9	6	30	6
8	$0\frac{3}{4}$	25	$11\frac{3}{4}-\frac{1}{16}$	8	$9\frac{1}{2}$	28	$3\frac{1}{4}$	9	$6\frac{1}{4}$	30	$6\frac{3}{4}$
8	1	26	$0\frac{1}{2}-\frac{1}{16}$	8	$9\frac{3}{4}$	28	4	9	$6\frac{1}{2}$	30	$7\frac{1}{2}$
8	$1\frac{1}{4}$	26	$1\frac{3}{8}$	8	10	28	$4\frac{7}{8}$	9	$6\frac{3}{4}$	30	$8\frac{1}{4}-\frac{1}{16}$
8	$1\frac{1}{2}$	26	$2\frac{1}{8}-\frac{1}{16}$	8	$10\frac{1}{4}$	28	$5\frac{5}{8}$	9	7	30	$9\frac{1}{8}$
8	$1\frac{3}{4}$	26	$2\frac{7}{8}-\frac{1}{16}$	8	$10\frac{1}{2}$	28	$6\frac{3}{8}$	9	$7\frac{1}{4}$	30	$9\frac{7}{8}$
8	2	26	$3\frac{5}{8}-\frac{1}{16}$	8	$10\frac{3}{4}$	28	$7\frac{1}{8}-\frac{1}{16}$	9	$7\frac{1}{2}$	30	$10\frac{5}{8}-\frac{1}{16}$
8	$2\frac{1}{4}$	26	$4\frac{1}{2}$	8	11	28	8	9	$7\frac{3}{4}$	30	$11\frac{3}{8}-\frac{1}{16}$
8	$2\frac{1}{2}$	26	$5\frac{1}{4}-\frac{1}{16}$	8	$11\frac{1}{4}$	28	$8\frac{3}{4}$	9	8	31	$0\frac{1}{4}$
8	$2\frac{3}{4}$	26	$6\frac{1}{16}$	8	$11\frac{1}{2}$	28	$9\frac{1}{2}$	9	$8\frac{1}{4}$	31	1
8	3	26	$6\frac{3}{4}-\frac{1}{16}$	8	$11\frac{3}{4}$	28	$10\frac{1}{4}-\frac{1}{16}$	9	$8\frac{1}{2}$	31	$1\frac{3}{4}-\frac{1}{16}$
8	$3\frac{1}{4}$	26	$7\frac{5}{8}$	9	0	28	$11\frac{1}{8}$	9	$8\frac{3}{4}$	31	$2\frac{5}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
9	9	31	$3\frac{3}{8}$	10	$5\frac{3}{4}$	33	$6\frac{7}{8}$	11	$2\frac{1}{2}$	35	$10\frac{3}{8}$
9	$9\frac{1}{4}$	31	$4\frac{1}{8}$	10	6	33	$7\frac{5}{8}-\frac{1}{16}$	11	$2\frac{3}{4}$	35	$11\frac{1}{8}$
9	$9\frac{1}{2}$	31	5	10	$6\frac{1}{4}$	33	$8\frac{3}{8}-\frac{1}{16}$	11	3	35	$11\frac{7}{8}-\frac{1}{16}$
9	$9\frac{3}{4}$	31	$5\frac{3}{4}$	10	$6\frac{1}{2}$	33	$9\frac{1}{4}$	11	$3\frac{1}{4}$	36	$0\frac{5}{8}-\frac{1}{16}$
9	10	31	$6\frac{1}{2}$	10	$6\frac{3}{4}$	33	10	11	$3\frac{1}{2}$	36	$1\frac{1}{2}$
9	$10\frac{1}{4}$	31	$7\frac{1}{4}-\frac{1}{16}$	10	7	33	$10\frac{3}{4}-\frac{1}{16}$	11	$3\frac{3}{4}$	36	$2\frac{1}{4}-\frac{1}{16}$
9	$10\frac{1}{2}$	31	$8\frac{1}{8}$	10	$7\frac{1}{4}$	33	$11\frac{1}{2}-\frac{1}{16}$	11	4	36	$3-\frac{1}{16}$
9	$10\frac{3}{4}$	31	$8\frac{7}{8}$	10	$7\frac{1}{2}$	34	$0\frac{3}{8}$	11	$4\frac{1}{4}$	36	$3\frac{7}{8}$
9	11	31	$9\frac{5}{8}-\frac{1}{16}$	10	$7\frac{3}{4}$	34	$1\frac{1}{8}-\frac{1}{16}$	11	$4\frac{1}{2}$	36	$4\frac{5}{8}$
9	$11\frac{1}{4}$	31	$10\frac{3}{8}-\frac{1}{16}$	10	8	34	$1\frac{7}{8}-\frac{1}{16}$	11	$4\frac{3}{4}$	36	$5\frac{3}{8}-\frac{1}{16}$
9	$11\frac{1}{2}$	31	$11\frac{1}{4}$	10	$8\frac{1}{4}$	34	$2\frac{3}{4}$	11	5	36	$6\frac{1}{4}$
9	$11\frac{3}{4}$	32	0	10	$8\frac{1}{2}$	34	$3\frac{1}{2}$	11	$5\frac{1}{4}$	36	7
10	0	32	$0\frac{3}{4}-\frac{1}{16}$	10	$8\frac{3}{4}$	34	$4\frac{1}{4}-\frac{1}{16}$	11	$5\frac{1}{2}$	36	$7\frac{3}{4}-\frac{1}{16}$
10	$0\frac{1}{4}$	32	$1\frac{5}{8}$	10	9	34	$5-\frac{1}{16}$	11	$5\frac{3}{4}$	36	$8\frac{1}{2}-\frac{1}{16}$
10	$0\frac{1}{2}$	32	$2\frac{3}{8}$	10	$9\frac{1}{4}$	34	$5\frac{7}{8}$	11	6	36	$9\frac{3}{8}$
10	$0\frac{3}{4}$	32	$3\frac{1}{8}-\frac{1}{16}$	10	$9\frac{1}{2}$	34	$6\frac{5}{8}-\frac{1}{16}$	11	$6\frac{1}{4}$	36	$10\frac{1}{8}$
10	1	32	$3\frac{7}{8}-\frac{1}{16}$	10	$9\frac{3}{4}$	34	$7\frac{3}{8}-\frac{1}{16}$	11	$6\frac{1}{2}$	36	$10\frac{7}{8}-\frac{1}{16}$
10	$1\frac{1}{4}$	32	$4\frac{3}{4}$	10	10	34	$8\frac{1}{4}$	11	$6\frac{3}{4}$	36	$11\frac{3}{4}$
10	$1\frac{1}{2}$	32	$5\frac{1}{2}$	10	$10\frac{1}{4}$	34	9	11	7	37	$0\frac{1}{2}$
10	$1\frac{3}{4}$	32	$6\frac{1}{4}-\frac{1}{16}$	10	$10\frac{1}{2}$	34	$9\frac{3}{4}-\frac{1}{16}$	11	$7\frac{1}{4}$	37	$1\frac{1}{4}-\frac{1}{16}$
10	2	32	$7\frac{1}{8}$	10	$10\frac{3}{4}$	34	$10\frac{1}{2}-\frac{1}{16}$	11	$7\frac{1}{2}$	37	$2-\frac{1}{16}$
10	$2\frac{1}{4}$	32	$7\frac{7}{8}$	10	11	34	$11\frac{3}{8}$	11	$7\frac{3}{4}$	37	$2\frac{7}{8}$
10	$2\frac{1}{2}$	32	$8\frac{5}{8}-\frac{1}{16}$	10	$11\frac{1}{4}$	35	$0\frac{1}{8}$	11	8	37	$3\frac{3}{8}$
10	$2\frac{3}{4}$	32	$9\frac{3}{8}-\frac{1}{16}$	10	$11\frac{1}{2}$	35	$0\frac{7}{8}-\frac{1}{16}$	11	$8\frac{1}{4}$	37	$4\frac{3}{8}-\frac{1}{16}$
10	3	32	$10\frac{1}{4}$	10	$11\frac{3}{4}$	35	$1\frac{3}{4}$	11	$8\frac{1}{2}$	37	$5\frac{1}{4}$
10	$3\frac{1}{4}$	32	11	11	0	35	$2\frac{1}{2}$	11	$8\frac{3}{4}$	37	6
10	$3\frac{1}{2}$	32	$11\frac{3}{4}-\frac{1}{16}$	11	$0\frac{1}{4}$	35	$3\frac{1}{4}-\frac{1}{16}$	11	9	37	$6\frac{3}{4}$
10	$3\frac{3}{4}$	33	$0\frac{5}{8}$	11	$0\frac{1}{2}$	35	$4-\frac{1}{16}$	11	$9\frac{1}{4}$	37	$7\frac{1}{2}-\frac{1}{16}$
10	4	33	$1\frac{3}{8}$	11	$0\frac{3}{4}$	35	$4\frac{7}{8}$	11	$9\frac{1}{2}$	37	$8\frac{3}{8}$
10	$4\frac{1}{4}$	33	$2\frac{1}{8}-\frac{1}{16}$	11	1	35	$5\frac{5}{8}$	11	$9\frac{3}{4}$	37	$9\frac{1}{8}$
10	$4\frac{1}{2}$	33	3	11	$1\frac{1}{4}$	35	$6\frac{3}{8}-\frac{1}{16}$	11	10	37	$9\frac{7}{8}$
10	$4\frac{3}{4}$	33	$3\frac{3}{4}$	11	$1\frac{1}{2}$	35	$7\frac{1}{4}$	11	$10\frac{1}{4}$	37	$10\frac{3}{4}$
10	5	33	$4\frac{1}{2}$	11	$1\frac{3}{4}$	35	8	11	$10\frac{1}{2}$	37	$11\frac{1}{2}$
10	$5\frac{1}{4}$	33	$5\frac{1}{4}-\frac{1}{16}$	11	2	35	$8\frac{3}{4}-\frac{1}{16}$	11	$10\frac{3}{4}$	38	$0\frac{1}{4}-\frac{1}{16}$
10	$5\frac{1}{2}$	33	$6\frac{1}{16}$	11	$2\frac{1}{4}$	35	$9\frac{1}{2}-\frac{1}{16}$	11	11	38	$1\frac{1}{8}$

Diagonal Measurement at the Root, $1\frac{1}{4}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
11	$11\frac{1}{4}$	38	$1\frac{7}{8}$	12	$3\frac{3}{4}$	39	4	12	$8\frac{1}{4}$	40	$6\frac{1}{8}$
11	$11\frac{1}{2}$	38	$2\frac{5}{8}$	12	4	39	$4\frac{3}{4}-\frac{1}{16}$	12	$8\frac{1}{2}$	40	$6\frac{7}{8}-\frac{1}{16}$
11	$11\frac{3}{4}$	38	$3\frac{3}{8}$	12	$4\frac{1}{4}$	39	$5\frac{1}{2}-\frac{1}{16}$	12	$8\frac{3}{4}$	40	$7\frac{3}{4}$
12	0	38	$4\frac{1}{8}-\frac{1}{16}$	12	$4\frac{1}{2}$	39	$6\frac{3}{8}$	12	9	40	$8\frac{1}{2}$
12	$0\frac{1}{4}$	38	5	12	$4\frac{3}{4}$	39	$7\frac{1}{8}$	12	$9\frac{1}{4}$	40	$9\frac{1}{4}-\frac{1}{16}$
12	$0\frac{1}{2}$	38	$5\frac{3}{4}-\frac{1}{16}$	12	5	39	$7\frac{7}{8}-\frac{1}{16}$	12	$9\frac{1}{2}$	40	$10-\frac{1}{16}$
12	$0\frac{3}{4}$	38	$6\frac{5}{8}$	12	$5\frac{1}{4}$	39	$8\frac{5}{8}-\frac{1}{16}$	12	$9\frac{3}{4}$	40	$10\frac{7}{8}$
12	1	38	$7\frac{3}{8}$	12	$5\frac{1}{2}$	39	$9\frac{1}{2}$	12	10	40	$11\frac{5}{8}-\frac{1}{16}$
12	$1\frac{1}{4}$	38	$8\frac{1}{8}$	12	$5\frac{3}{4}$	39	$10\frac{1}{4}-\frac{1}{16}$	12	$10\frac{1}{4}$	41	$0\frac{3}{8}-\frac{1}{16}$
12	$1\frac{1}{2}$	38	$8\frac{7}{8}-\frac{1}{16}$	12	6	39	$11\frac{1}{16}$	12	$10\frac{1}{2}$	41	$1\frac{1}{4}$
12	$1\frac{3}{4}$	38	$9\frac{3}{4}$	12	$6\frac{1}{4}$	39	$11\frac{3}{4}-\frac{1}{16}$	12	$10\frac{3}{4}$	41	$2\frac{1}{16}$
12	2	38	$10\frac{1}{2}$	12	$6\frac{1}{2}$	40	$0\frac{5}{8}$	12	11	41	$2\frac{7}{8}$
12	$2\frac{1}{4}$	38	$11\frac{1}{4}$	12	$6\frac{3}{4}$	40	$1\frac{3}{8}-\frac{1}{16}$	12	$11\frac{1}{4}$	41	$3\frac{3}{8}$
12	$2\frac{1}{2}$	39	$0-\frac{1}{16}$	12	7	40	$2\frac{1}{8}-\frac{1}{16}$	12	$11\frac{1}{2}$	41	$4\frac{3}{8}$
12	$2\frac{3}{4}$	39	$0\frac{7}{8}$	12	$7\frac{1}{4}$	40	$2\frac{7}{8}-\frac{1}{16}$	12	$11\frac{3}{4}$	41	$5\frac{1}{8}-\frac{1}{16}$
12	3	39	$1\frac{5}{8}$	12	$7\frac{1}{2}$	40	$3\frac{3}{4}-\frac{1}{16}$	13	0	41	6
12	$3\frac{1}{4}$	39	$2\frac{3}{8}-\frac{1}{16}$	12	$7\frac{3}{4}$	40	$4\frac{1}{2}-\frac{1}{16}$				
12	$3\frac{1}{2}$	39	$3\frac{1}{4}$	12	8	40	$5\frac{1}{4}-\frac{1}{16}$				

Diagonal Measurement at the Root, $1\frac{3}{8}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	0	3	$10\frac{1}{4}-\frac{1}{16}$	1	$2\frac{3}{4}$	4	$6\frac{7}{8}-\frac{1}{16}$	1	$5\frac{1}{2}$	5	$3\frac{1}{2}-\frac{1}{16}$
1	$0\frac{1}{4}$	3	$11\frac{1}{16}$	1	3	4	$7\frac{3}{4}$	1	$5\frac{3}{4}$	5	$4\frac{3}{8}$
1	$0\frac{1}{2}$	3	$11\frac{7}{8}$	1	$3\frac{1}{4}$	4	$8\frac{1}{2}$	1	6	5	$5\frac{1}{8}-\frac{1}{16}$
1	$0\frac{3}{4}$	4	$0\frac{5}{8}-\frac{1}{16}$	1	$3\frac{1}{2}$	4	$9\frac{1}{4}-\frac{1}{16}$	1	$6\frac{1}{4}$	5	$5\frac{7}{8}-\frac{1}{16}$
1	1	4	$1\frac{3}{8}-\frac{1}{16}$	1	$3\frac{3}{4}$	4	$10\frac{1}{16}$	1	$6\frac{1}{2}$	5	$6\frac{3}{4}$
1	$1\frac{1}{4}$	4	$2\frac{1}{4}$	1	4	4	$10\frac{7}{8}$	1	$6\frac{3}{4}$	5	$7\frac{1}{2}$
1	$1\frac{1}{2}$	4	$3\frac{1}{16}$	1	$4\frac{1}{4}$	4	$11\frac{3}{8}-\frac{1}{16}$	1	7	5	$8\frac{1}{4}-\frac{1}{16}$
1	$1\frac{3}{4}$	4	$3\frac{3}{4}-\frac{1}{16}$	1	$4\frac{1}{2}$	5	$0\frac{3}{8}-\frac{1}{16}$	1	$7\frac{1}{4}$	5	$9\frac{1}{16}$
1	2	4	$4\frac{1}{2}-\frac{1}{16}$	1	$4\frac{3}{4}$	5	$1\frac{1}{4}$	1	$7\frac{1}{2}$	5	$9\frac{7}{8}$
1	$2\frac{1}{4}$	4	$5\frac{3}{8}$	1	5	5	2	1	$7\frac{3}{4}$	5	$10\frac{5}{8}$
1	$2\frac{1}{2}$	4	$6\frac{1}{8}-\frac{1}{16}$	1	$5\frac{1}{4}$	5	$2\frac{3}{4}-\frac{1}{16}$	1	8	5	$11\frac{3}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{3}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	$8\frac{1}{4}$	6	$0\frac{1}{4}$	2	5	8	$3\frac{3}{4}$	3	$1\frac{3}{4}$	10	$7\frac{1}{8}$-$\frac{1}{16}$
1	$8\frac{1}{2}$	6	1	2	$5\frac{1}{4}$	8	$4\frac{1}{2}$	3	2	10	8
1	$8\frac{3}{4}$	6	$1\frac{3}{4}$-$\frac{1}{16}$	2	$5\frac{1}{2}$	8	$5\frac{1}{4}$-$\frac{1}{16}$	3	$2\frac{1}{4}$	10	$8\frac{3}{4}$-$\frac{1}{16}$
1	9	6	$2\frac{1}{2}$-$\frac{1}{16}$	2	$5\frac{3}{4}$	8	$6\frac{1}{16}$	3	$2\frac{1}{2}$	10	$9\frac{5}{8}$
1	$9\frac{1}{4}$	6	$3\frac{3}{8}$	2	6	8	$6\frac{7}{8}$	3	$2\frac{3}{4}$	10	$10\frac{3}{8}$
1	$9\frac{1}{2}$	6	$4\frac{1}{8}$	2	$6\frac{1}{4}$	8	$7\frac{5}{8}$-$\frac{1}{16}$	3	3	10	$11\frac{1}{8}$-$\frac{1}{16}$
1	$9\frac{3}{4}$	6	$4\frac{7}{8}$-$\frac{1}{16}$	2	$6\frac{1}{2}$	8	$8\frac{1}{2}$	3	$3\frac{1}{4}$	10	$11\frac{7}{8}$-$\frac{1}{16}$
1	10	6	$5\frac{3}{4}$	2	$6\frac{3}{4}$	8	$9\frac{1}{4}$	3	$3\frac{1}{2}$	11	$0\frac{5}{8}$-$\frac{1}{16}$
1	$10\frac{1}{4}$	6	$6\frac{1}{2}$	2	7	8	10	3	$3\frac{3}{4}$	11	$1\frac{1}{2}$
1	$10\frac{1}{2}$	6	$7\frac{1}{4}$-$\frac{1}{16}$	2	$7\frac{1}{4}$	8	$10\frac{3}{4}$-$\frac{1}{16}$	3	4	11	$2\frac{1}{4}$-$\frac{1}{16}$
1	$10\frac{3}{4}$	6	$8\frac{1}{8}$	2	$7\frac{1}{2}$	8	$11\frac{5}{8}$	3	$4\frac{1}{4}$	11	$3\frac{1}{16}$
1	11	6	$8\frac{7}{8}$	2	$7\frac{3}{4}$	9	$0\frac{3}{8}$	3	$4\frac{1}{2}$	11	$3\frac{7}{8}$
1	$11\frac{1}{4}$	6	$9\frac{5}{8}$-$\frac{1}{16}$	2	8	9	$1\frac{1}{8}$-$\frac{1}{16}$	3	$4\frac{3}{4}$	11	$4\frac{5}{8}$-$\frac{1}{16}$
1	$11\frac{1}{2}$	6	$10\frac{3}{8}$-$\frac{1}{16}$	2	$8\frac{1}{4}$	9	2	3	5	11	$5\frac{3}{8}$-$\frac{1}{16}$
1	$11\frac{3}{4}$	6	$11\frac{1}{4}$	2	$8\frac{1}{2}$	9	$2\frac{3}{4}$	3	$5\frac{1}{4}$	11	$6\frac{1}{8}$-$\frac{1}{16}$
2	0	7	0	2	$8\frac{3}{4}$	9	$3\frac{1}{2}$	3	$5\frac{1}{2}$	11	7
2	$0\frac{1}{4}$	7	$0\frac{3}{4}$-$\frac{1}{16}$	2	9	9	$4\frac{1}{4}$-$\frac{1}{16}$	3	$5\frac{3}{4}$	11	$7\frac{3}{4}$-$\frac{1}{16}$
2	$0\frac{1}{2}$	7	$1\frac{1}{2}$-$\frac{1}{16}$	2	$9\frac{1}{4}$	9	$5\frac{1}{16}$	3	6	11	$8\frac{1}{2}$-$\frac{1}{16}$
2	$0\frac{3}{4}$	7	$2\frac{3}{8}$	2	$9\frac{1}{2}$	9	$5\frac{7}{8}$	3	$6\frac{1}{4}$	11	$9\frac{3}{8}$
2	1	7	$3\frac{1}{8}$	2	$9\frac{3}{4}$	9	$6\frac{5}{8}$-$\frac{1}{16}$	3	$6\frac{1}{2}$	11	$10\frac{1}{8}$-$\frac{1}{16}$
2	$1\frac{1}{4}$	7	$3\frac{7}{8}$-$\frac{1}{16}$	2	10	9	$7\frac{3}{8}$-$\frac{1}{16}$	3	$6\frac{3}{4}$	11	$10\frac{7}{8}$-$\frac{1}{16}$
2	$1\frac{1}{2}$	7	$4\frac{3}{4}$	2	$10\frac{1}{4}$	9	$8\frac{1}{8}$-$\frac{1}{16}$	3	7	11	$11\frac{5}{8}$-$\frac{1}{16}$
2	$1\frac{3}{4}$	7	$5\frac{1}{2}$	2	$10\frac{1}{2}$	9	9	3	$7\frac{1}{4}$	12	$0\frac{1}{2}$
2	2	7	$6\frac{1}{4}$-$\frac{1}{16}$	2	$10\frac{3}{4}$	9	$9\frac{3}{4}$-$\frac{1}{16}$	3	$7\frac{1}{2}$	12	$1\frac{1}{4}$-$\frac{1}{16}$
2	$2\frac{1}{4}$	7	$7\frac{1}{16}$	2	11	9	$10\frac{1}{2}$-$\frac{1}{16}$	3	$7\frac{3}{4}$	12	$2\frac{1}{16}$
2	$2\frac{1}{2}$	7	$7\frac{7}{8}$	2	$11\frac{1}{4}$	9	$11\frac{3}{8}$	3	8	12	$2\frac{7}{8}$
2	$2\frac{3}{4}$	7	$8\frac{5}{8}$	2	$11\frac{1}{2}$	10	$0\frac{1}{8}$-$\frac{1}{16}$	3	$8\frac{1}{4}$	12	$3\frac{5}{8}$-$\frac{1}{16}$
2	3	7	$9\frac{3}{8}$-$\frac{1}{16}$	2	$11\frac{3}{4}$	10	1	3	$8\frac{1}{2}$	12	$4\frac{3}{8}$-$\frac{1}{16}$
2	$3\frac{1}{4}$	7	$10\frac{1}{4}$	3	0	10	$1\frac{3}{4}$	3	$8\frac{3}{4}$	12	$5\frac{1}{8}$-$\frac{1}{16}$
2	$3\frac{1}{2}$	7	11	3	$0\frac{1}{4}$	10	$2\frac{1}{2}$	3	9	12	6
2	$3\frac{3}{4}$	7	$11\frac{3}{4}$-$\frac{1}{16}$	3	$0\frac{1}{2}$	10	$3\frac{1}{4}$-$\frac{1}{16}$	3	$9\frac{1}{4}$	12	$6\frac{3}{4}$-$\frac{1}{16}$
2	4	8	$0\frac{1}{2}$-$\frac{1}{16}$	3	$0\frac{3}{4}$	10	$4\frac{1}{8}$	3	$9\frac{1}{2}$	12	$7\frac{1}{2}$-$\frac{1}{16}$
2	$4\frac{1}{4}$	8	$1\frac{5}{8}$	3	1	10	$4\frac{7}{8}$	3	$9\frac{3}{4}$	12	$8\frac{3}{8}$
2	$4\frac{1}{2}$	8	$2\frac{1}{8}$-$\frac{1}{16}$	3	$1\frac{1}{4}$	10	$5\frac{5}{8}$-$\frac{1}{16}$	3	10	12	$9\frac{3}{8}$-$\frac{1}{16}$
2	$4\frac{3}{4}$	8	3	3	$1\frac{1}{2}$	10	$6\frac{3}{8}$-$\frac{1}{16}$	3	$10\frac{1}{4}$	12	$9\frac{7}{8}$-$\frac{1}{16}$

Diagonal Measurement at the Root, $1\frac{3}{8}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	$10\frac{1}{2}$	12	$10\frac{5}{8}-\frac{1}{16}$	4	$7\frac{1}{4}$	15	$2\frac{1}{8}-\frac{1}{16}$	5	4	17	$5\frac{5}{8}-\frac{1}{16}$
3	$10\frac{3}{4}$	12	$11\frac{1}{2}$	4	$7\frac{1}{2}$	15	3	5	$4\frac{1}{4}$	17	$6\frac{1}{2}$
3	11	13	$0\frac{1}{4}-\frac{1}{16}$	4	$7\frac{3}{4}$	15	$3\frac{3}{4}-\frac{1}{16}$	5	$4\frac{1}{2}$	17	$7\frac{1}{4}$
3	$11\frac{1}{4}$	13	$1\frac{1}{16}$	4	8	15	$4\frac{1}{2}-\frac{1}{16}$	5	$4\frac{3}{4}$	17	$8\frac{1}{8}$
3	$11\frac{1}{2}$	13	$1\frac{7}{8}$	4	$8\frac{1}{4}$	15	$5\frac{3}{8}$	5	5	17	$8\frac{7}{8}$
3	$11\frac{3}{4}$	13	$2\frac{5}{8}-\frac{1}{16}$	4	$8\frac{1}{2}$	15	$6\frac{1}{8}$	5	$5\frac{1}{4}$	17	$9\frac{5}{8}$
4	0	13	$3\frac{3}{8}-\frac{1}{16}$	4	$8\frac{3}{4}$	15	$6\frac{7}{8}$	5	$5\frac{1}{2}$	17	$10\frac{3}{8}$
4	$0\frac{1}{4}$	13	$4\frac{1}{8}-\frac{1}{16}$	4	9	15	$7\frac{5}{8}-\frac{1}{16}$	5	$5\frac{3}{4}$	17	$11\frac{1}{8}-\frac{1}{16}$
4	$0\frac{1}{2}$	13	5	4	$9\frac{1}{4}$	15	$8\frac{1}{2}$	5	6	18	0
4	$0\frac{3}{4}$	13	$5\frac{3}{4}-\frac{1}{16}$	4	$9\frac{1}{2}$	15	$9\frac{1}{4}-\frac{1}{16}$	5	$6\frac{1}{4}$	18	$0\frac{3}{4}-\frac{1}{16}$
4	1	13	$6\frac{1}{2}-\frac{1}{16}$	4	$9\frac{3}{4}$	15	$10\frac{1}{16}$	5	$6\frac{1}{2}$	18	$1\frac{1}{2}-\frac{1}{16}$
4	$1\frac{1}{4}$	13	$7\frac{3}{8}$	4	10	15	$10\frac{7}{8}$	5	$6\frac{3}{4}$	18	$2\frac{1}{4}-\frac{1}{16}$
4	$1\frac{1}{2}$	13	$8\frac{1}{8}$	4	$10\frac{1}{4}$	15	$11\frac{5}{8}$	5	7	18	$3\frac{1}{8}$
4	$1\frac{3}{4}$	13	$8\frac{7}{8}$	4	$10\frac{1}{2}$	16	$0\frac{3}{8}$	5	$7\frac{1}{4}$	18	$3\frac{7}{8}$
4	2	13	$9\frac{5}{8}-\frac{1}{16}$	4	$10\frac{3}{4}$	16	$1\frac{1}{8}-\frac{1}{16}$	5	$7\frac{1}{2}$	18	$4\frac{5}{8}-\frac{1}{16}$
4	$2\frac{1}{4}$	13	$10\frac{1}{2}$	4	11	16	2	5	$7\frac{3}{4}$	18	$5\frac{1}{2}$
4	$2\frac{1}{2}$	13	$11\frac{1}{4}-\frac{1}{16}$	4	$11\frac{1}{4}$	16	$2\frac{3}{4}-\frac{1}{16}$	5	8	18	$6\frac{1}{4}-\frac{1}{16}$
4	$2\frac{3}{4}$	14	$0\frac{1}{16}$	4	$11\frac{1}{2}$	16	$3\frac{1}{2}-\frac{1}{16}$	5	$8\frac{1}{4}$	18	$7\frac{1}{16}$
4	3	14	$0\frac{7}{8}$	4	$11\frac{3}{4}$	16	$4\frac{3}{8}$	5	$8\frac{1}{2}$	18	$7\frac{3}{4}-\frac{1}{16}$
4	$3\frac{1}{4}$	14	$1\frac{5}{8}$	5	0	16	$5\frac{1}{8}$	5	$8\frac{3}{4}$	18	$8\frac{1}{2}-\frac{1}{16}$
4	$3\frac{1}{2}$	14	$2\frac{3}{8}$	5	$0\frac{1}{4}$	16	$5\frac{7}{8}$	5	9	18	$9\frac{3}{8}$
4	$3\frac{3}{4}$	14	$3\frac{1}{8}-\frac{1}{16}$	5	$0\frac{1}{2}$	16	$6\frac{5}{8}-\frac{1}{16}$	5	$9\frac{1}{4}$	18	$10\frac{1}{8}-\frac{1}{16}$
4	4	14	4	5	$0\frac{3}{4}$	16	$7\frac{1}{2}$	5	$9\frac{1}{2}$	18	11
4	$4\frac{1}{4}$	14	$4\frac{3}{4}-\frac{1}{16}$	5	1	16	$8\frac{1}{4}-\frac{1}{16}$	5	$9\frac{3}{4}$	18	$11\frac{3}{4}-\frac{1}{16}$
4	$4\frac{1}{2}$	14	$5\frac{1}{2}-\frac{1}{16}$	5	$1\frac{1}{4}$	16	$9\frac{1}{8}$	5	10	19	$0\frac{1}{2}-\frac{1}{16}$
4	$4\frac{3}{4}$	14	$6\frac{3}{8}$	5	$1\frac{1}{2}$	16	$9\frac{7}{8}$	5	$10\frac{1}{4}$	19	$1\frac{1}{4}-\frac{1}{16}$
4	5	14	$7\frac{1}{8}$	5	$1\frac{3}{4}$	16	$10\frac{5}{8}$	5	$10\frac{1}{2}$	19	$2\frac{1}{8}$
4	$5\frac{1}{4}$	14	$7\frac{7}{8}$	5	2	16	$11\frac{3}{8}$	5	$10\frac{3}{4}$	19	$2\frac{7}{8}$
4	$5\frac{1}{2}$	14	$8\frac{5}{8}-\frac{1}{16}$	5	$2\frac{1}{4}$	17	$0\frac{1}{8}-\frac{1}{16}$	5	11	19	$3\frac{5}{8}-\frac{1}{16}$
4	$5\frac{3}{4}$	14	$9\frac{1}{2}$	5	$2\frac{1}{2}$	17	1	5	$11\frac{1}{4}$	19	$4\frac{1}{2}$
4	6	14	$10\frac{1}{8}$	5	$2\frac{3}{4}$	17	$1\frac{3}{4}-\frac{1}{16}$	5	$11\frac{1}{2}$	19	$5\frac{1}{4}-\frac{1}{16}$
4	$6\frac{1}{4}$	14	$11\frac{1}{8}$	5	3	17	$2\frac{1}{2}-\frac{1}{16}$	5	$11\frac{3}{4}$	19	$6\frac{1}{16}$
4	$6\frac{1}{2}$	14	$11\frac{7}{8}$	5	$3\frac{1}{4}$	17	$3\frac{3}{8}$	6	0	19	$6\frac{3}{4}-\frac{1}{16}$
4	$6\frac{3}{4}$	15	$0\frac{5}{8}$	5	$3\frac{1}{2}$	17	$4\frac{1}{8}$	6	$0\frac{1}{4}$	19	$7\frac{1}{2}-\frac{1}{16}$
4	7	15	$1\frac{3}{8}$	5	$3\frac{3}{4}$	17	$4\frac{7}{8}$	6	$0\frac{1}{2}$	19	$8\frac{3}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{3}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
6	$0\frac{3}{4}$	19	$9\frac{1}{8}-\frac{1}{16}$	6	$9\frac{1}{2}$	22	$0\frac{5}{8}-\frac{1}{16}$	7	$6\frac{1}{4}$	24	$4\frac{1}{8}-\frac{1}{16}$
6	1	19	10	6	$9\frac{3}{4}$	22	$1\frac{1}{2}$	7	$6\frac{1}{2}$	24	5
6	$1\frac{1}{4}$	19	$10\frac{3}{4}-\frac{1}{16}$	6	10	22	$2\frac{1}{4}$	7	$6\frac{3}{4}$	24	$5\frac{3}{4}$
6	$1\frac{1}{2}$	19	$11\frac{1}{2}-\frac{1}{16}$	6	$10\frac{1}{4}$	22	3	7	7	24	$6\frac{1}{2}$
6	$1\frac{3}{4}$	20	$0\frac{1}{4}-\frac{1}{16}$	6	$10\frac{1}{2}$	22	$3\frac{3}{4}-\frac{1}{16}$	7	$7\frac{1}{4}$	24	$7\frac{1}{4}-\frac{1}{16}$
6	2	20	$1\frac{1}{8}$	6	$10\frac{3}{4}$	22	$4\frac{1}{2}-\frac{1}{16}$	7	$7\frac{1}{2}$	24	$8\frac{1}{8}$
6	$2\frac{1}{4}$	20	$1\frac{7}{8}$	6	11	22	$5\frac{3}{8}$	7	$7\frac{3}{4}$	24	$8\frac{7}{8}$
6	$2\frac{1}{2}$	20	$2\frac{5}{8}-\frac{1}{16}$	6	$11\frac{1}{4}$	22	$6\frac{1}{8}-\frac{1}{16}$	7	8	24	$9\frac{5}{8}-\frac{1}{16}$
6	$2\frac{3}{4}$	20	$3\frac{1}{2}$	6	$11\frac{1}{2}$	22	7	7	$8\frac{1}{4}$	24	$10\frac{3}{8}-\frac{1}{16}$
6	3	20	$4\frac{1}{4}-\frac{1}{16}$	6	$11\frac{3}{4}$	22	$7\frac{3}{4}$	7	$8\frac{1}{2}$	24	$11\frac{1}{8}-\frac{1}{16}$
6	$3\frac{1}{4}$	20	$5\frac{1}{16}$	7	0	22	$8\frac{1}{2}$	7	$8\frac{3}{4}$	25	0
6	$3\frac{1}{2}$	20	$5\frac{3}{4}-\frac{1}{16}$	7	$0\frac{1}{4}$	22	$9\frac{1}{4}-\frac{1}{16}$	7	9	25	$0\frac{3}{4}-\frac{1}{16}$
6	$3\frac{3}{4}$	20	$6\frac{1}{2}-\frac{1}{16}$	7	$0\frac{1}{2}$	22	$10\frac{1}{8}$	7	$9\frac{1}{4}$	25	$1\frac{1}{2}-\frac{1}{16}$
6	4	20	$7\frac{3}{8}$	7	$0\frac{3}{4}$	22	$10\frac{7}{8}$	7	$9\frac{1}{2}$	25	$2\frac{3}{8}$
6	$4\frac{1}{4}$	20	$8\frac{1}{8}-\frac{1}{16}$	7	1	22	$11\frac{5}{8}-\frac{1}{16}$	7	$9\frac{3}{4}$	25	$3\frac{1}{8}-\frac{1}{16}$
6	$4\frac{1}{2}$	20	9	7	$1\frac{1}{4}$	23	$0\frac{1}{2}$	7	10	25	$3\frac{7}{8}-\frac{1}{16}$
6	$4\frac{3}{4}$	20	$9\frac{3}{4}$	7	$1\frac{1}{2}$	23	$1\frac{1}{4}$	7	$10\frac{1}{4}$	25	$4\frac{5}{8}-\frac{1}{16}$
6	5	20	$10\frac{1}{2}$	7	$1\frac{3}{4}$	23	2	7	$10\frac{1}{2}$	25	$5\frac{1}{2}$
6	$5\frac{1}{4}$	20	$11\frac{1}{4}-\frac{1}{16}$	7	2	23	$2\frac{3}{4}-\frac{1}{16}$	7	$10\frac{3}{4}$	25	$6\frac{1}{4}-\frac{1}{16}$
6	$5\frac{1}{2}$	21	$0\frac{1}{8}$	7	$2\frac{1}{4}$	23	$3\frac{1}{2}-\frac{1}{16}$	7	11	25	$7\frac{1}{8}$
6	$5\frac{3}{4}$	21	$0\frac{7}{8}$	7	$2\frac{1}{2}$	23	$4\frac{3}{8}$	7	$11\frac{1}{4}$	25	$7\frac{7}{8}$
6	6	21	$1\frac{5}{8}-\frac{1}{16}$	7	$2\frac{3}{4}$	23	$5\frac{1}{8}-\frac{1}{16}$	7	$11\frac{1}{2}$	25	$8\frac{5}{8}-\frac{1}{16}$
6	$6\frac{1}{4}$	21	$2\frac{1}{2}$	7	3	23	6	7	$11\frac{3}{4}$	25	$9\frac{3}{4}-\frac{1}{16}$
6	$6\frac{1}{2}$	21	$3\frac{1}{4}$	7	$3\frac{1}{4}$	23	$6\frac{3}{4}$	8	0	25	$10\frac{1}{8}-\frac{1}{16}$
6	$6\frac{3}{4}$	21	4	7	$3\frac{1}{2}$	23	$7\frac{1}{2}$	8	$0\frac{1}{4}$	25	11
6	7	21	$4\frac{3}{4}-\frac{1}{16}$	7	$3\frac{3}{4}$	23	$8\frac{1}{4}-\frac{1}{16}$	8	$0\frac{1}{2}$	25	$11\frac{3}{4}-\frac{1}{16}$
6	$7\frac{1}{4}$	21	$5\frac{1}{2}-\frac{1}{16}$	7	4	23	$9\frac{1}{16}$	8	$0\frac{3}{4}$	26	$0\frac{1}{2}-\frac{1}{16}$
6	$7\frac{1}{2}$	21	$6\frac{3}{8}$	7	$4\frac{1}{4}$	23	$9\frac{7}{8}$	8	1	26	$1\frac{3}{8}$
6	$7\frac{3}{4}$	21	$7\frac{1}{8}-\frac{1}{16}$	7	$4\frac{1}{2}$	23	$10\frac{5}{8}-\frac{1}{16}$	8	$1\frac{1}{4}$	26	$2\frac{1}{8}-\frac{1}{16}$
6	8	21	8	7	$4\frac{3}{4}$	23	$11\frac{3}{8}-\frac{1}{16}$	8	$1\frac{1}{2}$	26	$2\frac{7}{8}-\frac{1}{16}$
6	$8\frac{1}{4}$	21	$8\frac{3}{4}$	7	5	24	$0\frac{1}{8}-\frac{1}{16}$	8	$1\frac{3}{4}$	26	$3\frac{5}{8}-\frac{1}{16}$
6	$8\frac{1}{2}$	21	$9\frac{1}{2}$	7	$5\frac{1}{4}$	24	1	8	2	26	$4\frac{1}{2}$
6	$8\frac{3}{4}$	21	$10\frac{1}{4}-\frac{1}{16}$	7	$5\frac{1}{2}$	24	$1\frac{3}{4}-\frac{1}{16}$	8	$2\frac{1}{4}$	26	$5\frac{1}{4}-\frac{1}{16}$
6	9	21	$11\frac{1}{8}$	7	$5\frac{3}{4}$	24	$2\frac{1}{2}-\frac{1}{16}$	8	$2\frac{1}{2}$	26	$6\frac{1}{16}$
6	$9\frac{1}{4}$	21	$11\frac{7}{8}$	7	6	24	$3\frac{3}{8}$	8	$2\frac{3}{4}$	26	$6\frac{3}{4}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{3}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
8	3	26	$7\frac{5}{8}$	8	$11\frac{3}{4}$	28	$11\frac{1}{8}$	9	$8\frac{1}{2}$	31	$2\frac{5}{8}$
8	$3\frac{1}{4}$	26	$8\frac{3}{8}-\frac{1}{16}$	9	0	28	$11\frac{7}{8}$	9	$8\frac{3}{4}$	31	$3\frac{3}{8}$
8	$3\frac{1}{2}$	26	$9\frac{1}{8}-\frac{1}{16}$	9	$0\frac{1}{4}$	29	$0\frac{5}{8}-\frac{1}{16}$	9	9	31	$4\frac{1}{8}$
8	$3\frac{3}{4}$	26	10	9	$0\frac{1}{2}$	29	$1\frac{1}{2}$	9	$9\frac{1}{4}$	31	5
8	4	26	$10\frac{3}{4}$	9	$0\frac{3}{4}$	29	$2\frac{1}{4}$	9	$9\frac{1}{2}$	31	$5\frac{3}{4}$
8	$4\frac{1}{4}$	26	$11\frac{1}{2}-\frac{1}{16}$	9	1	29	3	9	$9\frac{3}{4}$	31	$6\frac{1}{2}$
8	$4\frac{1}{2}$	27	$0\frac{1}{4}-\frac{1}{16}$	9	$1\frac{1}{4}$	29	$3\frac{3}{4}-\frac{1}{16}$	9	10	31	$7\frac{1}{4}-\frac{1}{16}$
8	$4\frac{3}{4}$	27	$1\frac{1}{16}$	9	$1\frac{1}{2}$	29	$4\frac{5}{8}$	9	$10\frac{1}{4}$	31	$8\frac{1}{8}$
8	5	27	$1\frac{7}{8}-\frac{1}{16}$	9	$1\frac{3}{4}$	29	$5\frac{3}{8}$	9	$10\frac{1}{2}$	31	$8\frac{7}{8}$
8	$5\frac{1}{4}$	27	$2\frac{5}{8}-\frac{1}{16}$	9	2	29	$6\frac{1}{8}-\frac{1}{16}$	9	$10\frac{3}{4}$	31	$9\frac{5}{8}-\frac{1}{16}$
8	$5\frac{1}{2}$	27	$3\frac{1}{2}$	9	$2\frac{1}{4}$	29	7	9	11	31	$10\frac{3}{8}-\frac{1}{16}$
8	$5\frac{3}{4}$	27	$4\frac{1}{4}$	9	$2\frac{1}{2}$	29	$7\frac{3}{4}$	9	$11\frac{1}{4}$	31	$11\frac{1}{4}$
8	6	27	$5\frac{1}{16}$	9	$2\frac{3}{4}$	29	$8\frac{1}{2}-\frac{1}{16}$	9	$11\frac{1}{2}$	32	0
8	$6\frac{1}{4}$	27	$5\frac{3}{4}-\frac{1}{16}$	9	3	29	$9\frac{1}{4}-\frac{1}{16}$	9	$11\frac{3}{4}$	32	$0\frac{3}{4}-\frac{1}{16}$
8	$6\frac{1}{2}$	27	$6\frac{5}{8}$	9	$3\frac{1}{4}$	29	$10\frac{1}{8}$	10	0	32	$1\frac{5}{8}$
8	$6\frac{3}{4}$	27	$7\frac{3}{8}-\frac{1}{16}$	9	$3\frac{1}{2}$	29	$10\frac{7}{8}$	10	$0\frac{1}{4}$	32	$2\frac{3}{8}$
8	7	27	$8\frac{1}{8}-\frac{1}{16}$	9	$3\frac{3}{4}$	29	$11\frac{5}{8}-\frac{1}{16}$	10	$0\frac{1}{2}$	32	$3\frac{1}{8}-\frac{1}{16}$
8	$7\frac{1}{4}$	27	9	9	4	30	$0\frac{3}{8}-\frac{1}{16}$	10	$0\frac{3}{4}$	32	$3\frac{7}{8}-\frac{1}{16}$
8	$7\frac{1}{2}$	27	$9\frac{3}{4}$	9	$4\frac{1}{4}$	30	$1\frac{1}{4}$	10	1	32	$4\frac{3}{4}$
8	$7\frac{3}{4}$	27	$10\frac{1}{2}$	9	$4\frac{1}{2}$	30	2	10	$1\frac{1}{4}$	32	$5\frac{1}{2}$
8	8	27	$11\frac{1}{4}-\frac{1}{16}$	9	$4\frac{3}{4}$	30	$2\frac{3}{4}-\frac{1}{16}$	10	$1\frac{1}{2}$	32	$6\frac{1}{4}-\frac{1}{16}$
8	$8\frac{1}{4}$	28	$0\frac{1}{8}$	9	5	30	$3\frac{5}{8}$	10	$1\frac{3}{4}$	32	$7\frac{1}{8}$
8	$8\frac{1}{2}$	28	$0\frac{7}{8}$	9	$5\frac{1}{4}$	30	$4\frac{3}{8}$	10	2	32	$7\frac{7}{8}$
8	$8\frac{3}{4}$	28	$1\frac{3}{8}-\frac{1}{16}$	9	$5\frac{1}{2}$	30	$5\frac{1}{8}-\frac{1}{16}$	10	$2\frac{1}{4}$	32	$8\frac{5}{8}-\frac{1}{16}$
8	9	28	$2\frac{1}{2}$	9	$5\frac{3}{4}$	30	6	10	$2\frac{1}{2}$	32	$9\frac{3}{8}-\frac{1}{16}$
8	$9\frac{1}{4}$	28	$3\frac{1}{4}$	9	6	30	$6\frac{3}{4}$	10	$2\frac{3}{4}$	32	$10\frac{1}{4}$
8	$9\frac{1}{2}$	28	4	9	$6\frac{1}{4}$	30	$7\frac{1}{2}$	10	3	32	11
8	$9\frac{3}{4}$	28	$4\frac{7}{8}$	9	$6\frac{1}{2}$	30	$8\frac{1}{4}-\frac{1}{16}$	10	$3\frac{1}{4}$	32	$11\frac{3}{4}-\frac{1}{16}$
8	10	28	$5\frac{5}{8}$	9	$6\frac{3}{4}$	30	$9\frac{1}{8}$	10	$3\frac{1}{2}$	33	$0\frac{5}{8}$
8	$10\frac{1}{4}$	28	$6\frac{3}{8}$	9	7	30	$9\frac{7}{8}$	10	$3\frac{3}{4}$	33	$1\frac{3}{8}$
8	$10\frac{1}{2}$	28	$7\frac{1}{8}-\frac{1}{16}$	9	$7\frac{1}{4}$	30	$10\frac{5}{8}-\frac{1}{16}$	10	4	33	$2\frac{1}{8}-\frac{1}{16}$
8	$10\frac{3}{4}$	28	8	9	$7\frac{1}{2}$	30	$11\frac{3}{8}-\frac{1}{16}$	10	$4\frac{1}{4}$	33	3
8	11	28	$8\frac{3}{4}$	9	$7\frac{3}{4}$	31	$0\frac{1}{4}$	10	$4\frac{1}{2}$	33	$3\frac{3}{4}$
8	$11\frac{1}{4}$	28	$9\frac{1}{2}$	9	8	31	1	10	$4\frac{3}{4}$	33	$4\frac{1}{2}$
8	$11\frac{1}{2}$	28	$10\frac{1}{4}-\frac{1}{16}$	9	$8\frac{1}{4}$	31	$1\frac{3}{4}-\frac{1}{16}$	10	5	33	$5\frac{1}{4}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{3}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
10	$5\frac{1}{4}$	33	$6\frac{1}{16}$	11	2	35	$9\frac{1}{2}$-$\frac{1}{16}$	11	$10\frac{3}{4}$	38	$1\frac{1}{8}$
10	$5\frac{1}{2}$	33	$6\frac{7}{8}$	11	$2\frac{1}{4}$	35	$10\frac{3}{8}$	11	11	38	$1\frac{7}{8}$
10	$5\frac{3}{4}$	33	$7\frac{5}{8}$-$\frac{1}{16}$	11	$2\frac{1}{2}$	35	$11\frac{1}{8}$	11	$11\frac{1}{4}$	38	$2\frac{5}{8}$
10	6	33	$8\frac{3}{8}$-$\frac{1}{16}$	11	$2\frac{3}{4}$	35	$11\frac{7}{8}$-$\frac{1}{16}$	11	$11\frac{1}{2}$	38	$3\frac{3}{8}$
10	$6\frac{1}{4}$	33	$9\frac{1}{4}$	11	3	36	$0\frac{5}{8}$-$\frac{1}{16}$	11	$11\frac{3}{4}$	38	$4\frac{1}{8}$-$\frac{1}{16}$
10	$6\frac{1}{2}$	33	10	11	$3\frac{1}{4}$	36	$1\frac{1}{2}$	12	0	38	5
10	$6\frac{3}{4}$	33	$10\frac{3}{4}$-$\frac{1}{16}$	11	$3\frac{1}{2}$	36	$2\frac{1}{4}$-$\frac{1}{16}$	12	$0\frac{1}{4}$	38	$5\frac{3}{4}$-$\frac{1}{16}$
10	7	33	$11\frac{1}{2}$-$\frac{1}{16}$	11	$3\frac{3}{4}$	36	$3\frac{1}{16}$	12	$0\frac{1}{2}$	38	$6\frac{5}{8}$
10	$7\frac{1}{4}$	34	$0\frac{3}{8}$	11	4	36	$3\frac{7}{8}$	12	$0\frac{3}{4}$	38	$7\frac{3}{8}$
10	$7\frac{1}{2}$	34	$1\frac{5}{8}$-$\frac{1}{16}$	11	$4\frac{1}{4}$	36	$4\frac{5}{8}$	12	1	38	$8\frac{1}{8}$
10	$7\frac{3}{4}$	34	$1\frac{7}{8}$-$\frac{1}{16}$	11	$4\frac{1}{2}$	36	$5\frac{3}{8}$-$\frac{1}{16}$	12	$1\frac{1}{4}$	38	$8\frac{7}{8}$-$\frac{1}{16}$
10	8	34	$2\frac{3}{4}$	11	$4\frac{3}{4}$	36	$6\frac{1}{4}$	12	$1\frac{1}{2}$	38	$9\frac{3}{4}$
10	$8\frac{1}{4}$	34	$3\frac{1}{2}$	11	5	36	7	12	$1\frac{3}{4}$	38	$10\frac{1}{2}$
10	$8\frac{1}{2}$	34	$4\frac{1}{4}$-$\frac{1}{16}$	11	$5\frac{1}{4}$	36	$7\frac{3}{4}$-$\frac{1}{16}$	12	2	38	$11\frac{1}{4}$
10	$8\frac{3}{4}$	34	$5\frac{1}{16}$	11	$5\frac{1}{2}$	36	$8\frac{1}{2}$-$\frac{1}{16}$	12	$2\frac{1}{4}$	39	$0\frac{1}{16}$
10	9	34	$5\frac{7}{8}$	11	$5\frac{3}{4}$	36	$9\frac{3}{8}$	12	$2\frac{1}{2}$	39	$0\frac{7}{8}$
10	$9\frac{1}{4}$	34	$6\frac{5}{8}$-$\frac{1}{16}$	11	6	36	$10\frac{1}{8}$	12	$2\frac{3}{4}$	39	$1\frac{5}{8}$
10	$9\frac{1}{2}$	34	$7\frac{3}{8}$-$\frac{1}{16}$	11	$6\frac{1}{4}$	36	$10\frac{7}{8}$-$\frac{1}{16}$	12	3	39	$2\frac{3}{8}$-$\frac{1}{16}$
10	$9\frac{3}{4}$	34	$8\frac{1}{4}$	11	$6\frac{1}{2}$	36	$11\frac{3}{4}$	12	$3\frac{1}{4}$	39	$3\frac{1}{4}$
10	10	34	9	11	$6\frac{3}{4}$	37	$0\frac{1}{2}$	12	$3\frac{1}{2}$	39	4
10	$10\frac{1}{4}$	34	$9\frac{3}{4}$-$\frac{1}{16}$	11	7	37	$1\frac{1}{4}$-$\frac{1}{16}$	12	$3\frac{3}{4}$	39	$4\frac{3}{4}$-$\frac{1}{16}$
10	$10\frac{1}{2}$	34	$10\frac{1}{2}$-$\frac{1}{16}$	11	$7\frac{1}{4}$	37	$2\frac{1}{16}$	12	4	39	$5\frac{1}{2}$-$\frac{1}{16}$
10	$10\frac{3}{4}$	34	$11\frac{3}{8}$	11	$7\frac{1}{2}$	37	$2\frac{7}{8}$	12	$4\frac{1}{4}$	39	$6\frac{3}{8}$
10	11	35	$0\frac{1}{8}$	11	$7\frac{3}{4}$	37	$3\frac{5}{8}$	12	$4\frac{1}{2}$	39	$7\frac{1}{8}$
10	$11\frac{1}{4}$	35	$0\frac{7}{8}$-$\frac{1}{16}$	11	8	37	$4\frac{3}{8}$-$\frac{1}{16}$	12	$4\frac{3}{4}$	39	$7\frac{7}{8}$-$\frac{1}{16}$
10	$11\frac{1}{2}$	35	$1\frac{3}{4}$	11	$8\frac{1}{4}$	37	$5\frac{1}{4}$	12	5	39	$8\frac{5}{8}$-$\frac{1}{16}$
10	$11\frac{3}{4}$	35	$2\frac{1}{2}$	11	$8\frac{1}{2}$	37	6	12	$5\frac{1}{4}$	39	$9\frac{1}{2}$
11	0	35	$3\frac{1}{4}$-$\frac{1}{16}$	11	$8\frac{3}{4}$	37	$6\frac{3}{4}$	12	$5\frac{1}{2}$	39	$10\frac{1}{4}$-$\frac{1}{16}$
11	$0\frac{1}{4}$	35	$4\frac{1}{16}$	11	9	37	$7\frac{1}{2}$-$\frac{1}{16}$	12	$5\frac{3}{4}$	39	$11\frac{1}{16}$
11	$0\frac{1}{2}$	35	$4\frac{7}{8}$	11	$9\frac{1}{4}$	37	$8\frac{3}{8}$	12	6	39	$11\frac{3}{4}$-$\frac{1}{16}$
11	$0\frac{3}{4}$	35	$5\frac{5}{8}$	11	$9\frac{1}{2}$	37	$9\frac{1}{8}$	12	$6\frac{1}{4}$	40	$0\frac{5}{8}$
11	1	35	$6\frac{3}{8}$-$\frac{1}{16}$	11	$9\frac{3}{4}$	37	$9\frac{7}{8}$	12	$6\frac{1}{2}$	40	$1\frac{3}{8}$-$\frac{1}{16}$
11	$1\frac{1}{4}$	35	$7\frac{1}{4}$	11	10	37	$10\frac{3}{4}$	12	$6\frac{3}{4}$	40	$2\frac{1}{8}$-$\frac{1}{16}$
11	$1\frac{1}{2}$	35	8	11	$10\frac{1}{4}$	37	$11\frac{1}{2}$	12	7	40	$2\frac{7}{8}$-$\frac{1}{16}$
11	$1\frac{3}{4}$	35	$8\frac{3}{4}$-$\frac{1}{16}$	11	$10\frac{1}{2}$	38	$0\frac{1}{4}$-$\frac{1}{16}$	12	$7\frac{1}{4}$	40	$3\frac{3}{4}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{3}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
12	$7\frac{1}{2}$	40	$4\frac{1}{2}$-$\frac{1}{16}$	12	$9\frac{1}{4}$	40	$10\frac{1}{16}$	12	11	41	$3\frac{5}{8}$
12	$7\frac{3}{4}$	40	$5\frac{1}{4}$-$\frac{1}{16}$	12	$9\frac{1}{2}$	40	$10\frac{7}{8}$	12	$11\frac{1}{4}$	41	$4\frac{3}{8}$
12	8	40	$6\frac{1}{8}$	12	$9\frac{3}{4}$	40	$11\frac{5}{8}$-$\frac{1}{16}$	12	$11\frac{1}{2}$	41	$5\frac{1}{8}$-$\frac{1}{16}$
12	$8\frac{1}{4}$	40	$6\frac{7}{8}$-$\frac{1}{16}$	12	10	41	$0\frac{3}{8}$-$\frac{1}{16}$	12	$11\frac{3}{4}$	41	6
12	$8\frac{1}{2}$	40	$7\frac{3}{4}$	12	$10\frac{1}{4}$	41	$1\frac{1}{4}$	13	0	41	$6\frac{3}{4}$
12	$8\frac{3}{4}$	40	$8\frac{1}{2}$	12	$10\frac{1}{2}$	41	$2\frac{1}{16}$				
12	9	40	$9\frac{1}{4}$-$\frac{1}{16}$	12	$10\frac{3}{4}$	41	$2\frac{7}{8}$				

SECTIONS OF ANGLE IRONS

Full Size

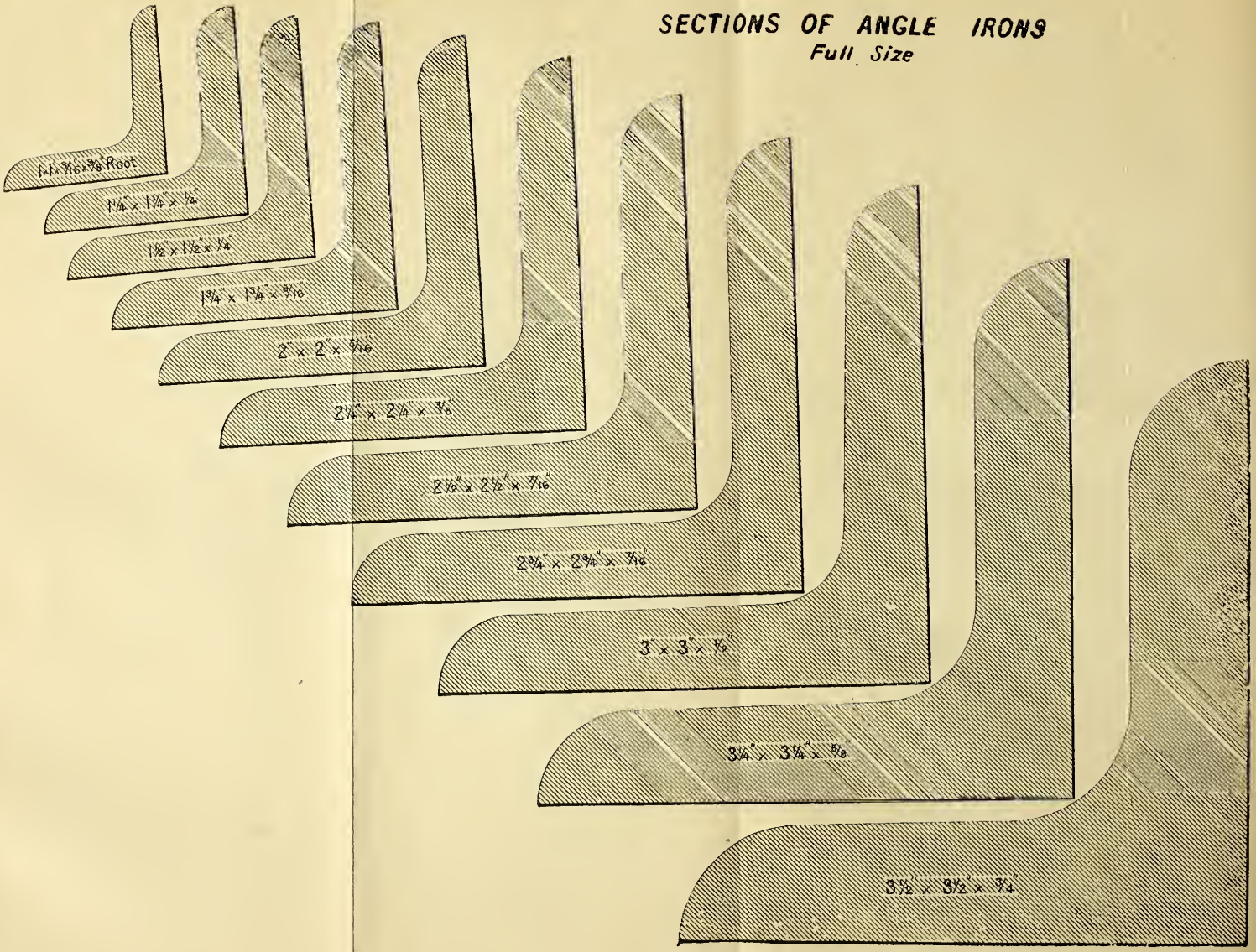


TABLE No. 5.

DIAMETERS AND CIRCUMFERENCES OF ANGLE-IRON RINGS.

FLANGE INSIDE.

TABLE No. 5.—DIAMETERS AND CIRCUMFERENCES OF ANGLE-IRON RINGS.

Flange Inside.

Rule.—Flange inside: from the outside diameter subtract twice the diagonal thickness of the iron at the root, or angle, and multiply the remainder by 3·1416. The product is the required length or circumference of angle-iron.

If there is an odd $\frac{1}{16}$th inch in the diameter, the circumference for which is wanted, add together the tabular circumferences of the two diameters that are nearest to it, and divide the sum by 2. The quotient is the circumference required. The annexed Figs. show an angle-iron ring with the flange inside, and a T-iron ring.

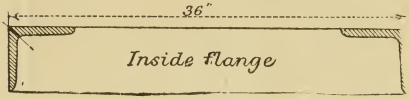


Fig. 40

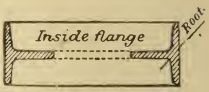


Fig. 41.

Diagonal Measurement at the Root, $\frac{3}{8}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
0	8	1	$10\frac{3}{4}$	0	$9\frac{7}{8}$	2	$4\frac{5}{8}$	0	$11\frac{3}{4}$	2	$10\frac{1}{2}$-$\frac{1}{16}$
0	$8\frac{1}{8}$	1	$11\frac{1}{8}$	0	10	2	$5\frac{1}{16}$	0	$11\frac{7}{8}$	2	$10\frac{7}{8}$-$\frac{1}{16}$
0	$8\frac{1}{4}$	1	$11\frac{1}{2}$-$\frac{1}{16}$	0	$10\frac{1}{8}$	2	$5\frac{3}{8}$-$\frac{1}{16}$	1	0	2	$11\frac{1}{4}$-$\frac{1}{16}$
0	$8\frac{3}{8}$	1	$11\frac{7}{8}$-$\frac{1}{16}$	0	$10\frac{1}{4}$	2	$5\frac{3}{4}$-$\frac{1}{16}$	1	$0\frac{1}{8}$	2	$11\frac{3}{8}$-$\frac{1}{16}$
0	$8\frac{1}{2}$	2	$0\frac{1}{4}$-$\frac{1}{16}$	0	$10\frac{3}{8}$	2	$6\frac{1}{8}$-$\frac{1}{16}$	1	$0\frac{1}{4}$	3	$0\frac{1}{16}$
0	$8\frac{5}{8}$	2	$0\frac{5}{8}$-$\frac{1}{16}$	0	$10\frac{1}{2}$	2	$6\frac{5}{8}$	1	$0\frac{3}{8}$	3	$0\frac{1}{2}$
0	$8\frac{3}{4}$	2	$1\frac{1}{8}$	0	$10\frac{5}{8}$	2	7	1	$0\frac{1}{2}$	3	$0\frac{7}{8}$
0	$8\frac{7}{8}$	2	$1\frac{1}{2}$	0	$10\frac{3}{4}$	2	$7\frac{3}{8}$	1	$0\frac{5}{8}$	3	$1\frac{1}{4}$-$\frac{1}{16}$
0	9	2	$1\frac{7}{8}$	0	$10\frac{7}{8}$	2	$7\frac{3}{4}$-$\frac{1}{16}$	1	$0\frac{3}{4}$	3	$1\frac{5}{8}$-$\frac{1}{16}$
0	$9\frac{1}{8}$	2	$2\frac{1}{4}$-$\frac{1}{16}$	0	11	2	$8\frac{1}{8}$-$\frac{1}{16}$	1	$0\frac{7}{8}$	3	$2\frac{1}{16}$
0	$9\frac{1}{4}$	2	$2\frac{5}{8}$-$\frac{1}{16}$	0	$11\frac{1}{8}$	2	$8\frac{1}{2}$-$\frac{1}{16}$	1	1	3	$2\frac{3}{8}$-$\frac{1}{16}$
0	$9\frac{3}{8}$	2	$3\frac{1}{16}$	0	$11\frac{1}{4}$	2	$8\frac{7}{8}$-$\frac{1}{16}$	1	$1\frac{1}{8}$	3	$2\frac{3}{4}$-$\frac{1}{16}$
0	$9\frac{1}{2}$	2	$3\frac{3}{8}$-$\frac{1}{16}$	0	$11\frac{3}{8}$	2	$9\frac{1}{4}$-$\frac{1}{16}$	1	$1\frac{1}{4}$	3	$3\frac{1}{4}$
0	$9\frac{5}{8}$	2	$3\frac{7}{8}$	0	$11\frac{1}{2}$	2	$9\frac{3}{4}$	1	$1\frac{3}{8}$	3	$3\frac{5}{8}$
0	$9\frac{3}{4}$	2	$4\frac{1}{4}$	0	$11\frac{5}{8}$	2	$10\frac{1}{8}$	1	$1\frac{1}{2}$	3	$4\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	$1\frac{5}{8}$	3	$4\frac{3}{8}-\frac{1}{16}$	1	$5\frac{7}{8}$	4	$5\frac{3}{4}-\frac{1}{16}$	1	$10\frac{1}{8}$	5	$7\frac{1}{8}$
1	$1\frac{3}{4}$	3	$4\frac{3}{4}-\frac{1}{16}$	1	6	4	$6\frac{1}{8}-\frac{1}{16}$	1	$10\frac{1}{4}$	5	$7\frac{1}{2}$
1	$1\frac{7}{8}$	3	$5\frac{1}{8}-\frac{1}{16}$	1	$6\frac{1}{8}$	4	$6\frac{1}{2}-\frac{1}{16}$	1	$10\frac{3}{8}$	5	$7\frac{7}{8}$
1	2	3	$5\frac{1}{2}-\frac{1}{16}$	1	$6\frac{1}{4}$	4	$6\frac{7}{8}-\frac{1}{16}$	1	$10\frac{1}{2}$	5	$8\frac{1}{4}-\frac{1}{16}$
1	$2\frac{1}{8}$	3	6	1	$6\frac{3}{8}$	4	$7\frac{1}{4}-\frac{1}{16}$	1	$10\frac{5}{8}$	5	$8\frac{5}{8}-\frac{1}{16}$
1	$2\frac{1}{4}$	3	$6\frac{3}{8}$	1	$6\frac{1}{2}$	4	$7\frac{3}{4}$	1	$10\frac{3}{4}$	5	$9\frac{1}{16}$
1	$2\frac{3}{8}$	3	$6\frac{3}{4}-\frac{1}{16}$	1	$6\frac{5}{8}$	4	$8\frac{1}{8}$	1	$10\frac{7}{8}$	5	$9\frac{1}{2}$
1	$2\frac{1}{2}$	3	$7\frac{1}{8}-\frac{1}{16}$	1	$6\frac{3}{4}$	4	$8\frac{1}{2}$	1	11	5	$9\frac{7}{8}$
1	$2\frac{5}{8}$	3	$7\frac{1}{2}-\frac{1}{16}$	1	$6\frac{7}{8}$	4	$8\frac{7}{8}-\frac{1}{16}$	1	$11\frac{1}{8}$	5	$10\frac{1}{4}$
1	$2\frac{3}{4}$	3	$7\frac{7}{8}-\frac{1}{16}$	1	7	4	$9\frac{1}{4}-\frac{1}{16}$	1	$11\frac{1}{4}$	5	$10\frac{5}{8}$
1	$2\frac{7}{8}$	3	$8\frac{1}{4}-\frac{1}{16}$	1	$7\frac{1}{8}$	4	$9\frac{5}{8}-\frac{1}{16}$	1	$11\frac{3}{8}$	5	$11\frac{1}{16}$
1	3	3	$8\frac{3}{4}$	1	$7\frac{1}{4}$	4	$10\frac{1}{16}$	1	$11\frac{1}{2}$	5	$11\frac{3}{8}-\frac{1}{16}$
1	$3\frac{1}{8}$	3	$9\frac{1}{8}$	1	$7\frac{3}{8}$	4	$10\frac{1}{2}$	1	$11\frac{5}{8}$	5	$11\frac{3}{4}-\frac{1}{16}$
1	$3\frac{1}{4}$	3	$9\frac{1}{2}-\frac{1}{16}$	1	$7\frac{1}{2}$	4	$10\frac{7}{8}$	1	$11\frac{3}{4}$	6	$0\frac{1}{4}$
1	$3\frac{3}{8}$	3	$9\frac{7}{8}-\frac{1}{16}$	1	$7\frac{5}{8}$	4	$11\frac{1}{4}$	1	$11\frac{7}{8}$	6	$0\frac{3}{8}$
1	$3\frac{1}{2}$	3	$10\frac{1}{4}-\frac{1}{16}$	1	$7\frac{3}{4}$	4	$11\frac{5}{8}-\frac{1}{16}$	2	0	6	1
1	$3\frac{5}{8}$	3	$10\frac{5}{8}-\frac{1}{16}$	1	$7\frac{7}{8}$	5	$0\frac{1}{16}$	2	$0\frac{1}{8}$	6	$1\frac{3}{8}$
1	$3\frac{3}{4}$	3	$11\frac{1}{16}$	1	8	5	$0\frac{3}{8}-\frac{1}{16}$	2	$0\frac{1}{4}$	6	$1\frac{3}{4}-\frac{1}{16}$
1	$3\frac{7}{8}$	3	$11\frac{1}{2}$	1	$8\frac{1}{8}$	5	$0\frac{3}{4}-\frac{1}{16}$	2	$0\frac{3}{8}$	6	$2\frac{1}{8}-\frac{1}{16}$
1	4	3	$11\frac{7}{8}$	1	$8\frac{1}{4}$	5	$1\frac{1}{4}$	2	$0\frac{1}{2}$	6	$2\frac{1}{2}-\frac{1}{16}$
1	$4\frac{1}{8}$	4	$0\frac{1}{4}$	1	$8\frac{3}{8}$	5	$1\frac{5}{8}$	2	$0\frac{5}{8}$	6	3
1	$4\frac{1}{4}$	4	$0\frac{5}{8}-\frac{1}{16}$	1	$8\frac{1}{2}$	5	2	2	$0\frac{3}{4}$	6	$3\frac{3}{8}$
1	$4\frac{3}{8}$	4	$1\frac{1}{16}$	1	$8\frac{5}{8}$	5	$2\frac{3}{8}-\frac{1}{16}$	2	$0\frac{7}{8}$	6	$3\frac{3}{4}$
1	$4\frac{1}{2}$	4	$1\frac{3}{8}-\frac{1}{16}$	1	$8\frac{3}{4}$	5	$2\frac{3}{4}-\frac{1}{16}$	2	1	6	$4\frac{1}{8}$
1	$4\frac{5}{8}$	4	$1\frac{3}{4}-\frac{1}{16}$	1	$8\frac{7}{8}$	5	$3\frac{1}{8}-\frac{1}{16}$	2	$1\frac{1}{8}$	6	$4\frac{1}{2}-\frac{1}{16}$
1	$4\frac{3}{4}$	4	$2\frac{1}{4}$	1	9	5	$3\frac{1}{2}-\frac{1}{16}$	2	$1\frac{1}{4}$	6	$4\frac{7}{8}-\frac{1}{16}$
1	$4\frac{7}{8}$	4	$2\frac{5}{8}$	1	$9\frac{1}{8}$	5	4	2	$1\frac{3}{8}$	6	$5\frac{1}{4}-\frac{1}{16}$
1	5	4	$3\frac{1}{16}$	1	$9\frac{1}{4}$	5	$4\frac{3}{8}$	2	$1\frac{1}{2}$	6	$5\frac{3}{4}$
1	$5\frac{1}{8}$	4	$3\frac{3}{8}-\frac{1}{16}$	1	$9\frac{3}{8}$	5	$4\frac{3}{4}$	2	$1\frac{5}{8}$	6	$6\frac{1}{8}$
1	$5\frac{1}{4}$	4	$3\frac{3}{4}-\frac{1}{16}$	1	$9\frac{1}{2}$	5	$5\frac{1}{8}-\frac{1}{16}$	2	$1\frac{3}{4}$	6	$6\frac{1}{2}$
1	$5\frac{3}{8}$	4	$4\frac{1}{8}-\frac{1}{16}$	1	$9\frac{5}{8}$	5	$5\frac{1}{2}-\frac{1}{16}$	2	$1\frac{7}{8}$	6	$6\frac{7}{8}-\frac{1}{16}$
1	$5\frac{1}{2}$	4	$4\frac{1}{2}-\frac{1}{16}$	1	$9\frac{3}{4}$	5	$5\frac{7}{8}-\frac{1}{16}$	2	2	6	$7\frac{1}{4}-\frac{1}{16}$
1	$5\frac{5}{8}$	4	5	1	$9\frac{7}{8}$	5	$6\frac{1}{4}-\frac{1}{16}$				
1	$5\frac{3}{4}$	4	$5\frac{3}{8}$	1	10	5	$6\frac{3}{4}$				

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{1}{2}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	0	2	$10\frac{1}{2}$-$\frac{1}{16}$	1	$4\frac{3}{8}$	4	$0\frac{1}{4}$	1	$8\frac{3}{4}$	5	2
1	$0\frac{1}{8}$	2	$10\frac{7}{8}$-$\frac{1}{16}$	1	$4\frac{1}{2}$	4	$0\frac{3}{8}$-$\frac{1}{16}$	1	$8\frac{7}{8}$	5	$2\frac{3}{8}$-$\frac{1}{16}$
1	$0\frac{1}{4}$	2	$11\frac{1}{4}$-$\frac{1}{16}$	1	$4\frac{5}{8}$	4	$1\frac{1}{16}$	1	9	5	$2\frac{3}{4}$-$\frac{1}{16}$
1	$0\frac{3}{8}$	2	$11\frac{5}{8}$-$\frac{1}{16}$	1	$4\frac{3}{4}$	4	$1\frac{3}{8}$-$\frac{1}{16}$	1	$9\frac{1}{8}$	5	$3\frac{1}{8}$-$\frac{1}{16}$
1	$0\frac{1}{2}$	3	$0\frac{1}{16}$	1	$4\frac{7}{8}$	4	$1\frac{3}{4}$-$\frac{1}{16}$	1	$9\frac{1}{4}$	5	$3\frac{1}{2}$-$\frac{1}{16}$
1	$0\frac{5}{8}$	3	$0\frac{1}{2}$	1	5	4	$2\frac{1}{4}$	1	$9\frac{3}{8}$	5	4
1	$0\frac{3}{4}$	3	$0\frac{7}{8}$	1	$5\frac{1}{8}$	4	$2\frac{5}{8}$	1	$9\frac{1}{2}$	5	$4\frac{3}{8}$
1	$0\frac{7}{8}$	3	$1\frac{1}{4}$-$\frac{1}{16}$	1	$5\frac{1}{4}$	4	$3\frac{1}{16}$	1	$9\frac{5}{8}$	5	$4\frac{3}{4}$
1	1	3	$1\frac{5}{8}$-$\frac{1}{16}$	1	$5\frac{3}{8}$	4	$3\frac{3}{8}$-$\frac{1}{16}$	1	$9\frac{3}{4}$	5	$5\frac{1}{8}$-$\frac{1}{16}$
1	$1\frac{1}{8}$	3	$2\frac{1}{16}$	1	$5\frac{1}{2}$	4	$3\frac{3}{4}$-$\frac{1}{16}$	1	$9\frac{7}{8}$	5	$5\frac{1}{2}$-$\frac{1}{16}$
1	$1\frac{1}{4}$	3	$2\frac{3}{8}$-$\frac{1}{16}$	1	$5\frac{5}{8}$	4	$4\frac{1}{8}$-$\frac{1}{16}$	1	10	5	$5\frac{7}{8}$-$\frac{1}{16}$
1	$1\frac{3}{8}$	3	$2\frac{3}{4}$-$\frac{1}{16}$	1	$5\frac{3}{4}$	4	$4\frac{1}{2}$-$\frac{1}{16}$	1	$10\frac{1}{8}$	5	$6\frac{1}{4}$-$\frac{1}{16}$
1	$1\frac{1}{2}$	3	$3\frac{1}{4}$	1	$5\frac{7}{8}$	4	5	1	$10\frac{1}{4}$	5	$6\frac{3}{4}$
1	$1\frac{5}{8}$	3	$3\frac{5}{8}$	1	6	4	$5\frac{3}{8}$	1	$10\frac{3}{8}$	5	$7\frac{1}{8}$
1	$1\frac{3}{4}$	3	$4\frac{1}{16}$	1	$6\frac{1}{8}$	4	$5\frac{3}{4}$-$\frac{1}{16}$	1	$10\frac{1}{2}$	5	$7\frac{1}{2}$
1	$1\frac{7}{8}$	3	$4\frac{3}{8}$-$\frac{1}{16}$	1	$6\frac{1}{4}$	4	$6\frac{1}{8}$-$\frac{1}{16}$	1	$10\frac{5}{8}$	5	$7\frac{7}{8}$
1	2	3	$4\frac{3}{4}$-$\frac{1}{16}$	1	$6\frac{3}{8}$	4	$6\frac{1}{2}$-$\frac{1}{16}$	1	$10\frac{3}{4}$	5	$8\frac{1}{4}$-$\frac{1}{16}$
1	$2\frac{1}{8}$	3	$5\frac{1}{8}$-$\frac{1}{16}$	1	$6\frac{1}{2}$	4	$6\frac{7}{8}$-$\frac{1}{16}$	1	$10\frac{7}{8}$	5	$8\frac{5}{8}$-$\frac{1}{16}$
1	$2\frac{1}{4}$	3	$5\frac{1}{2}$-$\frac{1}{16}$	1	$6\frac{5}{8}$	4	$7\frac{1}{4}$-$\frac{1}{16}$	1	11	5	$9\frac{1}{16}$
1	$2\frac{3}{8}$	3	6	1	$6\frac{3}{4}$	4	$7\frac{3}{4}$	1	$11\frac{1}{8}$	5	$9\frac{1}{2}$
1	$2\frac{1}{2}$	3	$6\frac{3}{8}$	1	$6\frac{7}{8}$	4	$8\frac{1}{8}$	1	$11\frac{1}{4}$	5	$9\frac{7}{8}$
1	$2\frac{5}{8}$	3	$6\frac{3}{4}$-$\frac{1}{16}$	1	7	4	$8\frac{1}{2}$	1	$11\frac{3}{8}$	5	$10\frac{1}{4}$
1	$2\frac{3}{4}$	3	$7\frac{1}{8}$-$\frac{1}{16}$	1	$7\frac{1}{8}$	4	$8\frac{7}{8}$-$\frac{1}{16}$	1	$11\frac{1}{2}$	5	$10\frac{5}{8}$
1	$2\frac{7}{8}$	3	$7\frac{1}{2}$-$\frac{1}{16}$	1	$7\frac{1}{4}$	4	$9\frac{1}{4}$-$\frac{1}{16}$	1	$11\frac{5}{8}$	5	$11\frac{1}{16}$
1	3	3	$7\frac{7}{8}$-$\frac{1}{16}$	1	$7\frac{3}{8}$	4	$9\frac{5}{8}$-$\frac{1}{16}$	1	$11\frac{3}{4}$	5	$11\frac{3}{8}$-$\frac{1}{16}$
1	$3\frac{1}{8}$	3	$8\frac{1}{4}$-$\frac{1}{16}$	1	$7\frac{1}{2}$	4	$10\frac{1}{16}$	1	$11\frac{7}{8}$	5	$11\frac{3}{4}$-$\frac{1}{16}$
1	$3\frac{1}{4}$	3	$8\frac{3}{4}$	1	$7\frac{5}{8}$	4	$10\frac{1}{2}$	2	0	6	$0\frac{1}{4}$
1	$3\frac{3}{8}$	3	$9\frac{1}{8}$	1	$7\frac{3}{4}$	4	$10\frac{7}{8}$	2	$0\frac{1}{8}$	6	$0\frac{5}{8}$
1	$3\frac{1}{2}$	3	$9\frac{1}{2}$-$\frac{1}{16}$	1	$7\frac{7}{8}$	4	$11\frac{1}{4}$	2	$0\frac{1}{4}$	6	1
1	$3\frac{5}{8}$	3	$9\frac{7}{8}$-$\frac{1}{16}$	1	8	4	$11\frac{5}{8}$-$\frac{1}{16}$	2	$0\frac{3}{8}$	6	$1\frac{3}{8}$
1	$3\frac{3}{4}$	3	$10\frac{1}{4}$-$\frac{1}{16}$	1	$8\frac{1}{8}$	5	$0\frac{1}{16}$	2	$0\frac{1}{2}$	6	$1\frac{3}{4}$-$\frac{1}{16}$
1	$3\frac{7}{8}$	3	$10\frac{5}{8}$-$\frac{1}{16}$	1	$8\frac{1}{4}$	5	$0\frac{3}{8}$-$\frac{1}{16}$	2	$0\frac{5}{8}$	6	$2\frac{1}{8}$-$\frac{1}{16}$
1	4	3	$11\frac{1}{16}$	1	$8\frac{3}{8}$	5	$0\frac{3}{4}$-$\frac{1}{16}$	2	$0\frac{3}{4}$	6	$2\frac{1}{2}$-$\frac{1}{16}$
1	$4\frac{1}{8}$	3	$11\frac{1}{2}$	1	$8\frac{1}{2}$	5	$1\frac{1}{4}$	2	$0\frac{7}{8}$	6	3
1	$4\frac{1}{4}$	3	$11\frac{7}{8}$	1	$8\frac{5}{8}$	5	$1\frac{5}{8}$	2	1	6	$3\frac{3}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{1}{2}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
2	$1\frac{1}{8}$	6	$3\frac{3}{4}$	2	$5\frac{1}{2}$	7	$5\frac{1}{2}$	2	$9\frac{7}{8}$	8	$7\frac{1}{4}$-$\frac{1}{16}$
2	$1\frac{1}{4}$	6	$4\frac{1}{8}$	2	$5\frac{5}{8}$	7	$5\frac{7}{8}$	2	10	8	$7\frac{5}{8}$-$\frac{1}{16}$
2	$1\frac{3}{8}$	6	$4\frac{1}{2}$-$\frac{1}{16}$	2	$5\frac{3}{4}$	7	$6\frac{1}{4}$-$\frac{1}{16}$	2	$10\frac{1}{8}$	8	$8\frac{1}{16}$
2	$1\frac{1}{2}$	6	$4\frac{7}{8}$-$\frac{1}{16}$	2	$5\frac{7}{8}$	7	$6\frac{5}{8}$-$\frac{1}{16}$	2	$10\frac{1}{4}$	8	$8\frac{1}{2}$
2	$1\frac{5}{8}$	6	$5\frac{1}{4}$-$\frac{1}{16}$	2	6	7	$7\frac{1}{16}$	2	$10\frac{3}{8}$	8	$8\frac{7}{8}$
2	$1\frac{3}{4}$	6	$5\frac{3}{4}$	2	$6\frac{1}{8}$	7	$7\frac{3}{8}$-$\frac{1}{16}$	2	$10\frac{1}{2}$	8	$9\frac{1}{4}$
2	$1\frac{7}{8}$	6	$6\frac{1}{8}$	2	$6\frac{1}{4}$	7	$7\frac{7}{8}$	2	$10\frac{5}{8}$	8	$9\frac{5}{8}$
2	2	6	$6\frac{1}{2}$	2	$6\frac{3}{8}$	7	$8\frac{1}{4}$	2	$10\frac{3}{4}$	8	10
2	$2\frac{1}{8}$	6	$6\frac{7}{8}$-$\frac{1}{16}$	2	$6\frac{1}{2}$	7	$8\frac{5}{8}$	2	$10\frac{7}{8}$	8	$10\frac{3}{8}$
2	$2\frac{1}{4}$	6	$7\frac{1}{4}$-$\frac{1}{16}$	2	$6\frac{5}{8}$	7	$9\frac{1}{16}$	2	11	8	$10\frac{3}{4}$-$\frac{1}{16}$
2	$2\frac{3}{8}$	6	$7\frac{3}{4}$	2	$6\frac{3}{4}$	7	$9\frac{3}{8}$-$\frac{1}{16}$	2	$11\frac{1}{8}$	8	$11\frac{1}{8}$-$\frac{1}{16}$
2	$2\frac{1}{2}$	6	$8\frac{1}{8}$	2	$6\frac{7}{8}$	7	$9\frac{3}{4}$-$\frac{1}{16}$	2	$11\frac{1}{4}$	8	$11\frac{5}{8}$
2	$2\frac{5}{8}$	6	$8\frac{1}{2}$	2	7	7	$10\frac{1}{4}$	2	$11\frac{3}{8}$	9	0
2	$2\frac{3}{4}$	6	$8\frac{7}{8}$	2	$7\frac{1}{8}$	7	$10\frac{5}{8}$	2	$11\frac{1}{2}$	9	$0\frac{3}{8}$
2	$2\frac{7}{8}$	6	$9\frac{1}{4}$	2	$7\frac{1}{4}$	7	11	2	$11\frac{5}{8}$	9	$0\frac{3}{4}$-$\frac{1}{16}$
2	3	6	$9\frac{3}{8}$-$\frac{1}{16}$	2	$7\frac{3}{8}$	7	$11\frac{3}{8}$	2	$11\frac{3}{4}$	9	$1\frac{1}{8}$-$\frac{1}{16}$
2	$3\frac{1}{8}$	6	$10\frac{1}{16}$	2	$7\frac{1}{2}$	7	$11\frac{3}{4}$-$\frac{1}{16}$	2	$11\frac{7}{8}$	9	$1\frac{5}{8}$
2	$3\frac{1}{4}$	6	$10\frac{3}{8}$-$\frac{1}{16}$	2	$7\frac{5}{8}$	8	$0\frac{1}{8}$-$\frac{1}{16}$	3	0	9	2
2	$3\frac{3}{8}$	6	$10\frac{3}{4}$-$\frac{1}{16}$	2	$7\frac{3}{4}$	8	$0\frac{1}{2}$-$\frac{1}{16}$	3	$0\frac{1}{8}$	9	$2\frac{3}{8}$
2	$3\frac{1}{2}$	6	$11\frac{1}{4}$	2	$7\frac{7}{8}$	8	1	3	$0\frac{1}{4}$	9	$2\frac{3}{4}$
2	$3\frac{5}{8}$	6	$11\frac{5}{8}$	2	8	8	$1\frac{3}{8}$	3	$0\frac{3}{8}$	9	$3\frac{1}{8}$
2	$3\frac{3}{4}$	7	0	2	$8\frac{1}{8}$	8	$1\frac{3}{4}$-$\frac{1}{16}$	3	$0\frac{1}{2}$	9	$3\frac{1}{2}$
2	$3\frac{7}{8}$	7	$0\frac{3}{8}$-$\frac{1}{16}$	2	$8\frac{1}{4}$	8	$2\frac{1}{8}$-$\frac{1}{16}$	3	$0\frac{5}{8}$	9	$3\frac{7}{8}$
2	4	7	$0\frac{3}{4}$-$\frac{1}{16}$	2	$8\frac{3}{8}$	8	$2\frac{1}{2}$-$\frac{1}{16}$	3	$0\frac{3}{4}$	9	$4\frac{1}{4}$-$\frac{1}{16}$
2	$4\frac{1}{8}$	7	$1\frac{1}{8}$-$\frac{1}{16}$	2	$8\frac{1}{2}$	8	3	3	$0\frac{7}{8}$	9	$4\frac{5}{8}$-$\frac{1}{16}$
2	$4\frac{1}{4}$	7	$1\frac{1}{2}$-$\frac{1}{16}$	2	$8\frac{5}{8}$	8	$3\frac{3}{8}$	3	1	9	$5\frac{1}{16}$
2	$4\frac{3}{8}$	7	2	2	$8\frac{3}{4}$	8	$3\frac{3}{4}$	3	$1\frac{1}{8}$	9	$5\frac{1}{2}$
2	$4\frac{1}{2}$	7	$2\frac{3}{8}$	2	$8\frac{7}{8}$	8	$4\frac{1}{8}$	3	$1\frac{1}{4}$	9	$5\frac{7}{8}$
2	$4\frac{5}{8}$	7	$2\frac{3}{4}$	2	9	8	$4\frac{1}{2}$	3	$1\frac{3}{8}$	9	$6\frac{1}{4}$-$\frac{1}{16}$
2	$4\frac{3}{4}$	7	$3\frac{1}{8}$	2	$9\frac{1}{8}$	8	$4\frac{7}{8}$	3	$1\frac{1}{2}$	9	$6\frac{5}{8}$-$\frac{1}{16}$
2	$4\frac{7}{8}$	7	$3\frac{1}{2}$-$\frac{1}{16}$	2	$9\frac{1}{4}$	8	$5\frac{1}{4}$-$\frac{1}{16}$	3	$1\frac{5}{8}$	9	$7\frac{1}{16}$
2	5	7	$3\frac{7}{8}$-$\frac{1}{16}$	2	$9\frac{3}{8}$	8	$5\frac{5}{8}$-$\frac{1}{16}$	3	$1\frac{3}{4}$	9	$7\frac{3}{8}$-$\frac{1}{16}$
2	$5\frac{1}{8}$	7	$4\frac{1}{4}$-$\frac{1}{16}$	2	$9\frac{1}{2}$	8	$6\frac{1}{16}$	3	$1\frac{7}{8}$	9	$7\frac{3}{4}$-$\frac{1}{16}$
2	$5\frac{1}{4}$	7	$4\frac{3}{4}$	2	$9\frac{5}{8}$	8	$6\frac{1}{2}$	3	2	9	$8\frac{1}{8}$-$\frac{1}{16}$
2	$5\frac{3}{8}$	7	$5\frac{1}{8}$	2	$9\frac{3}{4}$	8	$6\frac{7}{8}$	3	$2\frac{1}{8}$	9	$8\frac{1}{2}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{1}{2}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	$2\frac{1}{4}$	9	9	3	$6\frac{5}{8}$	10	$10\frac{3}{4}$-$\frac{1}{16}$	3	11	12	$0\frac{1}{2}$
3	$2\frac{3}{8}$	9	$9\frac{3}{8}$	3	$6\frac{3}{4}$	10	$11\frac{1}{8}$-$\frac{1}{16}$	3	$11\frac{1}{8}$	12	$0\frac{7}{8}$
3	$2\frac{1}{2}$	9	$9\frac{3}{4}$-$\frac{1}{16}$	3	$6\frac{7}{8}$	10	$11\frac{1}{2}$-$\frac{1}{16}$	3	$11\frac{1}{4}$	12	$1\frac{1}{4}$-$\frac{1}{16}$
3	$2\frac{5}{8}$	9	$10\frac{1}{8}$-$\frac{1}{16}$	3	7	10	$11\frac{7}{8}$-$\frac{1}{16}$	3	$11\frac{3}{8}$	12	$1\frac{5}{8}$-$\frac{1}{16}$
3	$2\frac{3}{4}$	9	$10\frac{1}{2}$-$\frac{1}{16}$	3	$7\frac{1}{8}$	11	$0\frac{1}{4}$-$\frac{1}{16}$	3	$11\frac{1}{2}$	12	$2\frac{1}{16}$
3	$2\frac{7}{8}$	9	11	3	$7\frac{1}{4}$	11	$0\frac{5}{8}$-$\frac{1}{16}$	3	$11\frac{5}{8}$	12	$2\frac{1}{2}$
3	3	9	$11\frac{3}{8}$	3	$7\frac{3}{8}$	11	$1\frac{1}{16}$	3	$11\frac{3}{4}$	12	$2\frac{7}{8}$
3	$3\frac{1}{8}$	9	$11\frac{3}{4}$-$\frac{1}{16}$	3	$7\frac{1}{2}$	11	$1\frac{1}{2}$	3	$11\frac{7}{8}$	12	$3\frac{1}{4}$-$\frac{1}{16}$
3	$3\frac{1}{4}$	10	$0\frac{1}{8}$-$\frac{1}{16}$	3	$7\frac{5}{8}$	11	$1\frac{7}{8}$	4	0	12	$3\frac{5}{8}$-$\frac{1}{16}$
3	$3\frac{3}{8}$	10	$0\frac{1}{2}$-$\frac{1}{16}$	3	$7\frac{3}{4}$	11	$2\frac{1}{4}$-$\frac{1}{16}$	4	$0\frac{1}{8}$	12	$4\frac{1}{16}$
3	$3\frac{1}{2}$	10	1	3	$7\frac{7}{8}$	11	$2\frac{5}{8}$-$\frac{1}{16}$	4	$0\frac{1}{4}$	12	$4\frac{3}{8}$-$\frac{1}{16}$
3	$3\frac{5}{8}$	10	$1\frac{3}{8}$	3	8	11	$3\frac{1}{16}$	4	$0\frac{3}{8}$	12	$4\frac{3}{4}$-$\frac{1}{16}$
3	$3\frac{3}{4}$	10	$1\frac{3}{4}$	3	$8\frac{1}{8}$	11	$3\frac{1}{2}$	4	$0\frac{1}{2}$	12	$5\frac{1}{8}$-$\frac{1}{16}$
3	$3\frac{7}{8}$	10	$2\frac{1}{8}$	3	$8\frac{1}{4}$	11	$3\frac{7}{8}$	4	$0\frac{5}{8}$	12	$5\frac{1}{2}$-$\frac{1}{16}$
3	4	10	$2\frac{1}{2}$	3	$8\frac{3}{8}$	11	$4\frac{1}{4}$-$\frac{1}{16}$	4	$0\frac{3}{4}$	12	6
3	$4\frac{1}{8}$	10	$2\frac{7}{8}$	3	$8\frac{1}{2}$	11	$4\frac{5}{8}$-$\frac{1}{16}$	4	$0\frac{7}{8}$	12	$6\frac{3}{8}$
3	$4\frac{1}{4}$	10	$3\frac{1}{4}$-$\frac{1}{16}$	3	$8\frac{5}{8}$	11	$5\frac{1}{16}$	4	1	12	$6\frac{3}{4}$-$\frac{1}{16}$
3	$4\frac{3}{8}$	10	$3\frac{5}{8}$-$\frac{1}{16}$	3	$8\frac{3}{4}$	11	$5\frac{3}{8}$-$\frac{1}{16}$	4	$1\frac{1}{8}$	12	$7\frac{1}{8}$-$\frac{1}{16}$
3	$4\frac{1}{2}$	10	$4\frac{1}{8}$	3	$8\frac{7}{8}$	11	$5\frac{3}{4}$-$\frac{1}{16}$	4	$1\frac{1}{4}$	12	$7\frac{1}{2}$-$\frac{1}{16}$
3	$4\frac{5}{8}$	10	$4\frac{1}{2}$	3	9	11	$6\frac{1}{8}$-$\frac{1}{16}$	4	$1\frac{3}{8}$	12	8
3	$4\frac{3}{4}$	10	$4\frac{7}{8}$	3	$9\frac{1}{8}$	11	$6\frac{1}{2}$-$\frac{1}{16}$	4	$1\frac{1}{2}$	12	$8\frac{3}{8}$
3	$4\frac{7}{8}$	10	$5\frac{1}{4}$-$\frac{1}{16}$	3	$9\frac{1}{4}$	11	7	4	$1\frac{5}{8}$	12	$8\frac{3}{4}$-$\frac{1}{16}$
3	5	10	$5\frac{5}{8}$-$\frac{1}{16}$	3	$9\frac{3}{8}$	11	$7\frac{3}{8}$	4	$1\frac{3}{4}$	12	$9\frac{1}{8}$-$\frac{1}{16}$
3	$5\frac{1}{8}$	10	$6\frac{1}{16}$	3	$9\frac{1}{2}$	11	$7\frac{3}{4}$-$\frac{1}{16}$	4	$1\frac{7}{8}$	12	$9\frac{1}{2}$-$\frac{1}{16}$
3	$5\frac{1}{4}$	10	$6\frac{3}{8}$-$\frac{1}{16}$	3	$9\frac{5}{8}$	11	$8\frac{1}{8}$-$\frac{1}{16}$	4	2	12	$9\frac{7}{8}$
3	$5\frac{3}{8}$	10	$6\frac{3}{4}$-$\frac{1}{16}$	3	$9\frac{3}{4}$	11	$8\frac{1}{2}$-$\frac{1}{16}$	4	$2\frac{1}{8}$	12	$10\frac{1}{4}$-$\frac{1}{16}$
3	$5\frac{1}{2}$	10	$7\frac{1}{8}$-$\frac{1}{16}$	3	$9\frac{7}{8}$	11	9	4	$2\frac{1}{4}$	12	$10\frac{5}{8}$-$\frac{1}{16}$
3	$5\frac{5}{8}$	10	$7\frac{5}{8}$	3	10	11	$9\frac{3}{8}$	4	$2\frac{3}{8}$	12	$11\frac{1}{16}$
3	$5\frac{3}{4}$	10	8	3	$10\frac{1}{8}$	11	$9\frac{3}{4}$-$\frac{1}{16}$	4	$2\frac{1}{2}$	12	$11\frac{1}{2}$
3	$5\frac{7}{8}$	10	$8\frac{3}{8}$	3	$10\frac{1}{4}$	11	$10\frac{1}{8}$-$\frac{1}{16}$	4	$2\frac{5}{8}$	12	$11\frac{7}{8}$
3	6	10	$8\frac{3}{4}$-$\frac{1}{16}$	3	$10\frac{3}{8}$	11	$10\frac{1}{2}$-$\frac{1}{16}$	4	$2\frac{3}{4}$	13	$0\frac{1}{4}$-$\frac{1}{16}$
3	$6\frac{1}{8}$	10	$9\frac{1}{8}$-$\frac{1}{16}$	3	$10\frac{1}{2}$	11	$10\frac{7}{8}$-$\frac{1}{16}$	4	$2\frac{7}{8}$	13	$0\frac{5}{8}$-$\frac{1}{16}$
3	$6\frac{1}{4}$	10	$9\frac{5}{8}$	3	$10\frac{5}{8}$	11	$11\frac{1}{4}$-$\frac{1}{16}$	4	3	13	$1\frac{1}{16}$
3	$6\frac{3}{8}$	10	10	3	$10\frac{3}{4}$	11	$11\frac{5}{8}$-$\frac{1}{16}$	4	$3\frac{1}{8}$	13	$1\frac{1}{2}$
3	$6\frac{1}{2}$	10	$10\frac{3}{8}$	3	$10\frac{7}{8}$	12	$0\frac{1}{16}$	4	$3\frac{1}{4}$	13	$1\frac{7}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{1}{2}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
4	$3\frac{3}{8}$	13	$2\frac{1}{4}$-$\frac{1}{16}$	4	$6\frac{3}{8}$	13	$11\frac{5}{8}$-$\frac{1}{16}$	4	$9\frac{3}{8}$	14	$9\frac{1}{8}$
4	$3\frac{1}{2}$	13	$2\frac{3}{8}$-$\frac{1}{16}$	4	$6\frac{1}{2}$	14	$0\frac{1}{16}$	4	$9\frac{1}{2}$	14	$9\frac{1}{2}$
4	$3\frac{5}{8}$	13	$3\frac{1}{16}$	4	$6\frac{5}{8}$	14	$0\frac{1}{2}$	4	$9\frac{5}{8}$	14	$9\frac{7}{8}$
4	$3\frac{3}{4}$	13	$3\frac{3}{8}$-$\frac{1}{16}$	4	$6\frac{3}{4}$	14	$0\frac{7}{8}$	4	$9\frac{3}{4}$	14	$10\frac{1}{4}$
4	$3\frac{7}{8}$	13	$3\frac{3}{4}$-$\frac{1}{16}$	4	$6\frac{7}{8}$	14	$1\frac{1}{4}$	4	$9\frac{7}{8}$	14	$10\frac{3}{8}$-$\frac{1}{16}$
4	4	13	$4\frac{1}{8}$-$\frac{1}{16}$	4	7	14	$1\frac{5}{8}$	4	10	14	$11\frac{1}{8}$
4	$4\frac{1}{8}$	13	$4\frac{1}{2}$-$\frac{1}{16}$	4	$7\frac{1}{8}$	14	2	4	$10\frac{1}{8}$	14	$11\frac{1}{2}$
4	$4\frac{1}{4}$	13	5	4	$7\frac{1}{4}$	14	$2\frac{3}{8}$	4	$10\frac{1}{4}$	14	$11\frac{7}{8}$
4	$4\frac{3}{8}$	13	$5\frac{3}{8}$	4	$7\frac{3}{8}$	14	$2\frac{3}{4}$-$\frac{1}{16}$	4	$10\frac{3}{8}$	15	$0\frac{1}{4}$
4	$4\frac{1}{2}$	13	$5\frac{3}{4}$-$\frac{1}{16}$	4	$7\frac{1}{2}$	14	$3\frac{1}{8}$-$\frac{1}{16}$	4	$10\frac{1}{2}$	15	$0\frac{5}{8}$
4	$4\frac{5}{8}$	13	$6\frac{1}{8}$-$\frac{1}{16}$	4	$7\frac{5}{8}$	14	$3\frac{1}{2}$-$\frac{1}{16}$	4	$10\frac{5}{8}$	15	1
4	$4\frac{3}{4}$	13	$6\frac{1}{2}$-$\frac{1}{16}$	4	$7\frac{3}{4}$	14	4	4	$10\frac{3}{4}$	15	$1\frac{3}{8}$
4	$4\frac{7}{8}$	13	7	4	$7\frac{7}{8}$	14	$4\frac{3}{8}$	4	$10\frac{7}{8}$	15	$1\frac{3}{4}$-$\frac{1}{16}$
4	5	13	$7\frac{3}{8}$	4	8	14	$4\frac{3}{4}$-$\frac{1}{16}$	4	11	15	$2\frac{1}{8}$-$\frac{1}{16}$
4	$5\frac{1}{8}$	13	$7\frac{3}{4}$	4	$8\frac{1}{8}$	14	$5\frac{1}{8}$-$\frac{1}{16}$	4	$11\frac{1}{8}$	15	$2\frac{1}{2}$-$\frac{1}{16}$
4	$5\frac{1}{4}$	13	$8\frac{1}{8}$	4	$8\frac{1}{4}$	14	$5\frac{1}{2}$-$\frac{1}{16}$	4	$11\frac{1}{4}$	15	3
4	$5\frac{3}{8}$	13	$8\frac{1}{2}$	4	$8\frac{3}{8}$	14	6	4	$11\frac{3}{8}$	15	$3\frac{3}{8}$
4	$5\frac{1}{2}$	13	$8\frac{7}{8}$	4	$8\frac{1}{2}$	14	$6\frac{3}{8}$	4	$11\frac{1}{2}$	15	$3\frac{3}{4}$-$\frac{1}{16}$
4	$5\frac{5}{8}$	13	$9\frac{1}{4}$-$\frac{1}{16}$	4	$8\frac{5}{8}$	14	$6\frac{3}{4}$	4	$11\frac{5}{8}$	15	$4\frac{1}{8}$-$\frac{1}{16}$
4	$5\frac{3}{4}$	13	$9\frac{5}{8}$-$\frac{1}{16}$	4	$8\frac{3}{4}$	14	$7\frac{1}{8}$	4	$11\frac{3}{4}$	15	$4\frac{1}{2}$-$\frac{1}{16}$
4	$5\frac{7}{8}$	13	10-$\frac{1}{16}$	4	$8\frac{7}{8}$	14	$7\frac{1}{2}$	4	$11\frac{7}{8}$	15	5
4	6	13	$10\frac{1}{2}$	4	9	14	$7\frac{7}{8}$	5	0	15	$5\frac{3}{8}$
4	$6\frac{1}{8}$	13	$10\frac{7}{8}$	4	$9\frac{1}{8}$	14	$8\frac{1}{4}$-$\frac{1}{16}$				
4	$6\frac{1}{4}$	13	$11\frac{1}{4}$-$\frac{1}{16}$	4	$9\frac{1}{4}$	14	$8\frac{5}{8}$-$\frac{1}{16}$				

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	0	2	$9\frac{3}{4}$	1	$0\frac{5}{8}$	2	$11\frac{5}{8}$-$\frac{1}{16}$	1	$1\frac{1}{4}$	3	$1\frac{5}{8}$-$\frac{1}{16}$
1	$0\frac{1}{8}$	2	$10\frac{1}{8}$	1	$0\frac{3}{4}$	3	$0\frac{1}{16}$	1	$1\frac{3}{8}$	3	$2\frac{1}{16}$
1	$0\frac{1}{4}$	2	$10\frac{1}{2}$-$\frac{1}{16}$	1	$0\frac{7}{8}$	3	$0\frac{1}{2}$	1	$1\frac{1}{2}$	3	$2\frac{3}{8}$-$\frac{1}{16}$
1	$0\frac{3}{8}$	2	$10\frac{7}{8}$-$\frac{1}{16}$	1	1	3	$0\frac{7}{8}$	1	$1\frac{5}{8}$	3	$2\frac{3}{4}$-$\frac{1}{16}$
1	$0\frac{1}{2}$	2	$11\frac{1}{4}$-$\frac{1}{16}$	1	$1\frac{1}{8}$	3	$1\frac{1}{4}$-$\frac{1}{16}$	1	$1\frac{3}{4}$	3	$3\frac{1}{4}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	$1\frac{7}{8}$	3	$3\frac{5}{8}$	1	$6\frac{1}{4}$	4	$5\frac{3}{8}$	1	$10\frac{5}{8}$	5	$7\frac{1}{8}$
1	2	3	$4\frac{1}{16}$	1	$6\frac{3}{8}$	4	$5\frac{3}{4}$-$\frac{1}{16}$	1	$10\frac{3}{4}$	5	$7\frac{1}{2}$
1	$2\frac{1}{8}$	3	$4\frac{3}{8}$-$\frac{1}{16}$	1	$6\frac{1}{2}$	4	$6\frac{1}{8}$-$\frac{1}{16}$	1	$10\frac{7}{8}$	5	$7\frac{7}{8}$
1	$2\frac{1}{4}$	3	$4\frac{3}{4}$-$\frac{1}{16}$	1	$6\frac{5}{8}$	4	$6\frac{1}{2}$-$\frac{1}{16}$	1	11	5	$8\frac{1}{4}$-$\frac{1}{16}$
1	$2\frac{3}{8}$	3	$5\frac{1}{8}$-$\frac{1}{16}$	1	$6\frac{3}{4}$	4	$6\frac{7}{8}$-$\frac{1}{16}$	1	$11\frac{1}{8}$	5	$8\frac{5}{8}$-$\frac{1}{16}$
1	$2\frac{1}{2}$	3	$5\frac{1}{2}$-$\frac{1}{16}$	1	$6\frac{7}{8}$	4	$7\frac{1}{4}$-$\frac{1}{16}$	1	$11\frac{1}{4}$	5	$9\frac{1}{16}$
1	$2\frac{5}{8}$	3	6	1	7	4	$7\frac{3}{4}$	1	$11\frac{3}{8}$	5	$9\frac{1}{2}$
1	$2\frac{3}{4}$	3	$6\frac{3}{8}$	1	$7\frac{1}{8}$	4	$8\frac{1}{8}$	1	$11\frac{1}{2}$	5	$9\frac{7}{8}$
1	$2\frac{7}{8}$	3	$6\frac{3}{4}$-$\frac{1}{16}$	1	$7\frac{1}{4}$	4	$8\frac{1}{2}$	1	$11\frac{5}{8}$	5	$10\frac{1}{4}$
1	3	3	$7\frac{1}{8}$-$\frac{1}{16}$	1	$7\frac{3}{8}$	4	$8\frac{7}{8}$-$\frac{1}{16}$	1	$11\frac{3}{4}$	5	$10\frac{5}{8}$
1	$3\frac{1}{8}$	3	$7\frac{1}{2}$-$\frac{1}{16}$	1	$7\frac{1}{2}$	4	$9\frac{1}{4}$-$\frac{1}{16}$	1	$11\frac{7}{8}$	5	$11\frac{1}{16}$
1	$3\frac{1}{4}$	3	$7\frac{7}{8}$-$\frac{1}{16}$	1	$7\frac{5}{8}$	4	$9\frac{5}{8}$-$\frac{1}{16}$	2	0	5	$11\frac{3}{8}$-$\frac{1}{16}$
1	$3\frac{3}{8}$	3	$8\frac{1}{4}$-$\frac{1}{16}$	1	$7\frac{3}{4}$	4	$10\frac{1}{16}$	2	$0\frac{1}{8}$	5	$11\frac{3}{4}$-$\frac{1}{16}$
1	$3\frac{1}{2}$	3	$8\frac{3}{4}$	1	$7\frac{7}{8}$	4	$10\frac{1}{2}$	2	$0\frac{1}{4}$	6	$0\frac{1}{4}$
1	$3\frac{5}{8}$	3	$9\frac{1}{8}$	1	8	4	$10\frac{7}{8}$	2	$0\frac{3}{8}$	6	$0\frac{5}{8}$
1	$3\frac{3}{4}$	3	$9\frac{1}{2}$-$\frac{1}{16}$	1	$8\frac{1}{8}$	4	$11\frac{1}{4}$	2	$0\frac{1}{2}$	6	1
1	$3\frac{7}{8}$	3	$9\frac{7}{8}$-$\frac{1}{16}$	1	$8\frac{1}{4}$	4	$11\frac{5}{8}$-$\frac{1}{16}$	2	$0\frac{5}{8}$	6	$1\frac{3}{8}$
1	4	3	$10\frac{1}{4}$-$\frac{1}{16}$	1	$8\frac{3}{8}$	5	$0\frac{1}{16}$	2	$0\frac{3}{4}$	6	$1\frac{3}{4}$-$\frac{1}{16}$
1	$4\frac{1}{8}$	3	$10\frac{5}{8}$-$\frac{1}{16}$	1	$8\frac{1}{2}$	5	$0\frac{3}{8}$-$\frac{1}{16}$	2	$0\frac{7}{8}$	6	$2\frac{1}{8}$-$\frac{1}{16}$
1	$4\frac{1}{4}$	3	$11\frac{1}{16}$	1	$8\frac{5}{8}$	5	$0\frac{3}{4}$-$\frac{1}{16}$	2	1	6	$2\frac{1}{2}$-$\frac{1}{16}$
1	$4\frac{3}{8}$	3	$11\frac{1}{2}$	1	$8\frac{3}{4}$	5	$1\frac{1}{4}$	2	$1\frac{1}{8}$	6	3
1	$4\frac{1}{2}$	3	$11\frac{7}{8}$	1	$8\frac{7}{8}$	5	$1\frac{5}{8}$	2	$1\frac{1}{4}$	6	$3\frac{3}{8}$
1	$4\frac{5}{8}$	4	$0\frac{1}{4}$	1	9	5	2	2	$1\frac{3}{8}$	6	$3\frac{3}{4}$
1	$4\frac{3}{4}$	4	$0\frac{5}{8}$-$\frac{1}{16}$	1	$9\frac{1}{8}$	5	$2\frac{3}{8}$-$\frac{1}{16}$	2	$1\frac{1}{2}$	6	$4\frac{1}{8}$
1	$4\frac{7}{8}$	4	$1\frac{1}{16}$	1	$9\frac{1}{4}$	5	$2\frac{3}{4}$-$\frac{1}{16}$	2	$1\frac{5}{8}$	6	$4\frac{1}{2}$-$\frac{1}{16}$
1	5	4	$1\frac{3}{8}$-$\frac{1}{16}$	1	$9\frac{3}{8}$	5	$3\frac{1}{8}$-$\frac{1}{16}$	2	$1\frac{3}{4}$	6	$4\frac{7}{8}$-$\frac{1}{16}$
1	$5\frac{1}{8}$	4	$1\frac{3}{4}$-$\frac{1}{16}$	1	$9\frac{1}{2}$	5	$3\frac{1}{2}$-$\frac{1}{16}$	2	$1\frac{7}{8}$	6	$5\frac{1}{4}$-$\frac{1}{16}$
1	$5\frac{1}{4}$	4	$2\frac{1}{4}$	1	$9\frac{5}{8}$	5	4	2	2	6	$5\frac{3}{4}$
1	$5\frac{3}{8}$	4	$2\frac{5}{8}$	1	$9\frac{3}{4}$	5	$4\frac{3}{8}$	2	$2\frac{1}{8}$	6	$6\frac{1}{8}$
1	$5\frac{1}{2}$	4	$3\frac{1}{16}$	1	$9\frac{7}{8}$	5	$4\frac{3}{4}$	2	$2\frac{1}{4}$	6	$6\frac{1}{2}$
1	$5\frac{5}{8}$	4	$3\frac{3}{8}$-$\frac{1}{16}$	1	10	5	$5\frac{1}{8}$-$\frac{1}{16}$	2	$2\frac{3}{8}$	6	$6\frac{7}{8}$-$\frac{1}{16}$
1	$5\frac{3}{4}$	4	$3\frac{3}{4}$-$\frac{1}{16}$	1	$10\frac{1}{8}$	5	$5\frac{1}{2}$-$\frac{1}{16}$	2	$2\frac{1}{2}$	6	$7\frac{1}{4}$-$\frac{1}{16}$
1	$5\frac{7}{8}$	4	$4\frac{1}{8}$-$\frac{1}{16}$	1	$10\frac{1}{4}$	5	$5\frac{7}{8}$-$\frac{1}{16}$	2	$2\frac{5}{8}$	6	$7\frac{3}{4}$
1	6	4	$4\frac{1}{2}$-$\frac{1}{16}$	1	$10\frac{3}{8}$	5	$6\frac{1}{4}$-$\frac{1}{16}$	2	$2\frac{3}{4}$	6	$8\frac{1}{8}$
1	$6\frac{1}{8}$	4	5	1	$10\frac{1}{2}$	5	$6\frac{3}{4}$	2	$2\frac{7}{8}$	6	$8\frac{1}{2}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
2	3	6	$8\frac{7}{8}$	2	$7\frac{3}{8}$	7	$10\frac{5}{8}$	2	$11\frac{3}{4}$	9	$0\frac{3}{8}$
2	$3\frac{1}{8}$	6	$9\frac{1}{4}$	2	$7\frac{1}{2}$	7	11	2	$11\frac{7}{8}$	9	$0\frac{3}{4}-\frac{1}{16}$
2	$3\frac{1}{4}$	6	$9\frac{5}{8}-\frac{1}{16}$	2	$7\frac{5}{8}$	7	$11\frac{3}{8}$	3	0	9	$1\frac{1}{8}-\frac{1}{16}$
2	$3\frac{3}{8}$	6	$10\frac{1}{16}$	2	$7\frac{3}{4}$	7	$11\frac{3}{4}-\frac{1}{16}$	3	$0\frac{1}{8}$	9	$1\frac{5}{8}$
2	$3\frac{1}{2}$	6	$10\frac{3}{8}-\frac{1}{16}$	2	$7\frac{7}{8}$	8	$0\frac{1}{8}-\frac{1}{16}$	3	$0\frac{1}{4}$	9	2
2	$3\frac{5}{8}$	6	$10\frac{3}{4}-\frac{1}{16}$	2	8	8	$0\frac{1}{2}-\frac{1}{16}$	3	$0\frac{3}{8}$	9	$2\frac{3}{8}$
2	$3\frac{3}{4}$	6	$11\frac{1}{4}$	2	$8\frac{1}{8}$	8	1	3	$0\frac{1}{2}$	9	$2\frac{3}{4}$
2	$3\frac{7}{8}$	6	$11\frac{5}{8}$	2	$8\frac{1}{4}$	8	$1\frac{3}{8}$	3	$0\frac{5}{8}$	9	$3\frac{1}{8}$
2	4	7	0	2	$8\frac{3}{8}$	8	$1\frac{3}{4}-\frac{1}{16}$	3	$0\frac{3}{4}$	9	$3\frac{1}{2}$
2	$4\frac{1}{8}$	7	$0\frac{3}{8}-\frac{1}{16}$	2	$8\frac{1}{2}$	8	$2\frac{3}{8}-\frac{1}{16}$	3	$0\frac{7}{8}$	9	$3\frac{7}{8}$
2	$4\frac{1}{4}$	7	$0\frac{3}{4}-\frac{1}{16}$	2	$8\frac{5}{8}$	8	$2\frac{1}{2}-\frac{1}{16}$	3	1	9	$4\frac{1}{4}-\frac{1}{16}$
2	$4\frac{3}{8}$	7	$1\frac{1}{8}-\frac{1}{16}$	2	$8\frac{3}{4}$	8	3	3	$1\frac{1}{8}$	9	$4\frac{5}{8}-\frac{1}{16}$
2	$4\frac{1}{2}$	7	$1\frac{1}{2}-\frac{1}{16}$	2	$8\frac{7}{8}$	8	$3\frac{3}{8}$	3	$1\frac{1}{4}$	9	$5\frac{1}{16}$
2	$4\frac{5}{8}$	7	2	2	9	8	$3\frac{3}{4}$	3	$1\frac{3}{8}$	9	$5\frac{1}{2}$
2	$4\frac{3}{4}$	7	$2\frac{3}{8}$	2	$9\frac{1}{8}$	8	$4\frac{1}{8}$	3	$1\frac{1}{2}$	9	$5\frac{7}{8}$
2	$4\frac{7}{8}$	7	$2\frac{3}{4}$	2	$9\frac{1}{4}$	8	$4\frac{1}{2}$	3	$1\frac{5}{8}$	9	$6\frac{1}{4}-\frac{1}{16}$
2	5	7	$3\frac{1}{8}$	2	$9\frac{3}{8}$	8	$4\frac{7}{8}$	3	$1\frac{3}{4}$	9	$6\frac{3}{8}-\frac{1}{16}$
2	$5\frac{1}{8}$	7	$3\frac{1}{2}-\frac{1}{16}$	2	$9\frac{1}{2}$	8	$5\frac{1}{4}-\frac{1}{16}$	3	$1\frac{7}{8}$	9	$7\frac{1}{16}$
2	$5\frac{1}{4}$	7	$3\frac{7}{8}-\frac{1}{16}$	2	$9\frac{5}{8}$	8	$5\frac{5}{8}-\frac{1}{16}$	3	2	9	$7\frac{3}{8}-\frac{1}{16}$
2	$5\frac{3}{8}$	7	$4\frac{1}{4}-\frac{1}{16}$	2	$9\frac{3}{4}$	8	$6\frac{1}{16}$	3	$2\frac{1}{8}$	9	$7\frac{3}{4}-\frac{1}{16}$
2	$5\frac{1}{2}$	7	$4\frac{3}{4}$	2	$9\frac{7}{8}$	8	$6\frac{1}{2}$	3	$2\frac{1}{4}$	9	$8\frac{1}{8}-\frac{1}{16}$
2	$5\frac{5}{8}$	7	$5\frac{1}{8}$	2	10	8	$6\frac{7}{8}$	3	$2\frac{3}{8}$	9	$8\frac{1}{2}-\frac{1}{16}$
2	$5\frac{3}{4}$	7	$5\frac{1}{2}$	2	$10\frac{1}{8}$	8	$7\frac{1}{4}-\frac{1}{16}$	3	$2\frac{1}{2}$	9	9
2	$5\frac{7}{8}$	7	$5\frac{7}{8}$	2	$10\frac{1}{4}$	8	$7\frac{5}{8}-\frac{1}{16}$	3	$2\frac{5}{8}$	9	$9\frac{3}{8}$
2	6	7	$6\frac{1}{4}-\frac{1}{16}$	2	$10\frac{3}{8}$	8	$8\frac{1}{16}$	3	$2\frac{3}{4}$	9	$9\frac{3}{4}-\frac{1}{16}$
2	$6\frac{1}{8}$	7	$6\frac{5}{8}-\frac{1}{16}$	2	$10\frac{1}{2}$	8	$8\frac{1}{2}$	3	$2\frac{7}{8}$	9	$10\frac{1}{8}-\frac{1}{16}$
2	$6\frac{1}{4}$	7	$7\frac{1}{16}$	2	$10\frac{5}{8}$	8	$8\frac{7}{8}$	3	3	9	$10\frac{1}{2}-\frac{1}{16}$
2	$6\frac{3}{8}$	7	$7\frac{3}{8}-\frac{1}{16}$	2	$10\frac{3}{4}$	8	$9\frac{1}{4}$	3	$3\frac{1}{8}$	9	11
2	$6\frac{1}{2}$	7	$7\frac{7}{8}$	2	$10\frac{7}{8}$	8	$9\frac{5}{8}$	3	$3\frac{1}{4}$	9	$11\frac{3}{8}$
2	$6\frac{5}{8}$	7	$8\frac{1}{4}$	2	11	8	10	3	$3\frac{3}{8}$	9	$11\frac{3}{4}-\frac{1}{16}$
2	$6\frac{3}{4}$	7	$8\frac{5}{8}$	2	$11\frac{1}{8}$	8	$10\frac{3}{8}$	3	$3\frac{1}{2}$	10	$0\frac{1}{8}-\frac{1}{16}$
2	$6\frac{7}{8}$	7	$9\frac{1}{16}$	2	$11\frac{1}{4}$	8	$10\frac{3}{4}-\frac{1}{16}$	3	$3\frac{5}{8}$	10	$0\frac{1}{2}-\frac{1}{16}$
2	7	7	$9\frac{3}{8}-\frac{1}{16}$	2	$11\frac{3}{8}$	8	$11\frac{1}{8}-\frac{1}{16}$	3	$3\frac{3}{4}$	10	1
2	$7\frac{1}{8}$	7	$9\frac{3}{4}-\frac{1}{16}$	2	$11\frac{1}{2}$	8	$11\frac{5}{8}$	3	$3\frac{7}{8}$	10	$1\frac{3}{8}$
2	$7\frac{1}{4}$	7	$10\frac{1}{4}$	2	$11\frac{5}{8}$	9	0	3	4	10	$1\frac{3}{4}$

Diagonal Measurement at the Root, $\frac{5}{8}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	$4\frac{1}{8}$	10	$2\frac{1}{8}$	3	$8\frac{1}{2}$	11	$3\frac{7}{8}$	4	$0\frac{7}{8}$	12	$5\frac{1}{2}-\frac{1}{16}$
3	$4\frac{1}{4}$	10	$2\frac{1}{2}$	3	$8\frac{5}{8}$	11	$4\frac{1}{4}-\frac{1}{16}$	4	1	12	6
3	$4\frac{7}{8}$	10	$2\frac{7}{8}$	3	$8\frac{3}{4}$	11	$4\frac{3}{8}-\frac{1}{16}$	4	$1\frac{1}{8}$	12	$6\frac{3}{8}$
3	$4\frac{1}{2}$	10	$3\frac{1}{4}-\frac{1}{16}$	3	$8\frac{7}{8}$	11	$5\frac{1}{16}$	4	$1\frac{1}{4}$	12	$6\frac{3}{4}-\frac{1}{16}$
3	$4\frac{5}{8}$	10	$3\frac{3}{8}-\frac{1}{16}$	3	9	11	$5\frac{3}{8}-\frac{1}{16}$	4	$1\frac{3}{8}$	12	$7\frac{1}{8}-\frac{1}{16}$
3	$4\frac{3}{4}$	10	$4\frac{1}{8}$	3	$9\frac{1}{8}$	11	$5\frac{3}{4}-\frac{1}{16}$	4	$1\frac{1}{2}$	12	$7\frac{1}{2}-\frac{1}{16}$
3	$4\frac{7}{8}$	10	$4\frac{1}{2}$	3	$9\frac{1}{4}$	11	$6\frac{1}{8}-\frac{1}{16}$	4	$1\frac{5}{8}$	12	8
3	5	10	$4\frac{7}{8}$	3	$9\frac{3}{8}$	11	$6\frac{1}{2}-\frac{1}{16}$	4	$1\frac{3}{4}$	12	$8\frac{3}{8}$
3	$5\frac{1}{8}$	10	$5\frac{1}{4}-\frac{1}{16}$	3	$9\frac{1}{2}$	11	7	4	$1\frac{7}{8}$	12	$8\frac{3}{4}-\frac{1}{16}$
3	$5\frac{1}{4}$	10	$5\frac{3}{8}-\frac{1}{16}$	3	$9\frac{5}{8}$	11	$7\frac{3}{8}$	4	2	12	$9\frac{1}{8}-\frac{1}{16}$
3	$5\frac{3}{8}$	10	$6\frac{1}{16}$	3	$9\frac{3}{4}$	11	$7\frac{3}{4}-\frac{1}{16}$	4	$2\frac{1}{8}$	12	$9\frac{1}{2}-\frac{1}{16}$
3	$5\frac{1}{2}$	10	$6\frac{3}{8}-\frac{1}{16}$	3	$9\frac{7}{8}$	11	$8\frac{1}{8}-\frac{1}{16}$	4	$2\frac{1}{4}$	12	$9\frac{7}{8}-\frac{1}{16}$
3	$5\frac{5}{8}$	10	$6\frac{3}{4}-\frac{1}{16}$	3	10	11	$8\frac{1}{2}-\frac{1}{16}$	4	$2\frac{3}{8}$	12	$10\frac{1}{4}-\frac{1}{16}$
3	$5\frac{3}{4}$	10	$7\frac{1}{8}-\frac{1}{16}$	3	$10\frac{1}{8}$	11	9	4	$2\frac{1}{2}$	12	$10\frac{5}{8}-\frac{1}{16}$
3	$5\frac{7}{8}$	10	$7\frac{5}{8}$	3	$10\frac{1}{4}$	11	$9\frac{3}{8}$	4	$2\frac{5}{8}$	12	$11\frac{1}{16}$
3	6	10	8	3	$10\frac{3}{8}$	11	$9\frac{3}{4}-\frac{1}{16}$	4	$2\frac{3}{4}$	12	$11\frac{1}{2}$
3	$6\frac{1}{8}$	10	$8\frac{3}{8}$	3	$10\frac{1}{2}$	11	$10\frac{1}{8}-\frac{1}{16}$	4	$2\frac{7}{8}$	12	$11\frac{7}{8}$
3	$6\frac{1}{4}$	10	$8\frac{3}{4}-\frac{1}{16}$	3	$10\frac{5}{8}$	11	$10\frac{1}{2}-\frac{1}{16}$	4	3	13	$0\frac{1}{4}-\frac{1}{16}$
3	$6\frac{3}{8}$	10	$9\frac{1}{8}-\frac{1}{16}$	3	$10\frac{3}{4}$	11	$10\frac{7}{8}-\frac{1}{16}$	4	$3\frac{1}{8}$	13	$0\frac{5}{8}-\frac{1}{16}$
3	$6\frac{1}{2}$	10	$9\frac{5}{8}$	3	$10\frac{7}{8}$	11	$11\frac{1}{4}-\frac{1}{16}$	4	$3\frac{1}{4}$	13	$1\frac{1}{16}$
3	$6\frac{5}{8}$	10	10	3	11	11	$11\frac{5}{8}-\frac{1}{16}$	4	$3\frac{3}{8}$	13	$1\frac{1}{2}$
3	$6\frac{3}{4}$	10	$10\frac{3}{8}$	3	$11\frac{1}{8}$	12	$0\frac{1}{16}$	4	$3\frac{1}{2}$	13	$1\frac{7}{8}$
3	$6\frac{7}{8}$	10	$10\frac{3}{4}-\frac{1}{16}$	3	$11\frac{1}{4}$	12	$0\frac{1}{2}$	4	$3\frac{5}{8}$	13	$2\frac{1}{4}-\frac{1}{16}$
3	7	10	$11\frac{1}{8}-\frac{1}{16}$	3	$11\frac{3}{8}$	12	$0\frac{7}{8}$	4	$3\frac{3}{4}$	13	$2\frac{5}{8}-\frac{1}{16}$
3	$7\frac{1}{8}$	10	$11\frac{1}{2}-\frac{1}{16}$	3	$11\frac{1}{2}$	12	$1\frac{1}{4}-\frac{1}{16}$	4	$3\frac{7}{8}$	13	$3\frac{1}{16}$
3	$7\frac{1}{4}$	10	$11\frac{7}{8}-\frac{1}{16}$	3	$11\frac{5}{8}$	12	$1\frac{3}{8}-\frac{1}{16}$	4	4	13	$3\frac{3}{8}-\frac{1}{16}$
3	$7\frac{3}{8}$	11	$0\frac{1}{4}-\frac{1}{16}$	3	$11\frac{3}{4}$	12	$2\frac{1}{16}$	4	$4\frac{1}{8}$	13	$3\frac{3}{4}-\frac{1}{16}$
3	$7\frac{1}{2}$	11	$0\frac{5}{8}-\frac{1}{16}$	3	$11\frac{7}{8}$	12	$2\frac{1}{2}$	4	$4\frac{1}{4}$	13	$4\frac{1}{8}-\frac{1}{16}$
3	$7\frac{5}{8}$	11	$1\frac{1}{16}$	4	0	12	$2\frac{7}{8}$	4	$4\frac{3}{8}$	13	$4\frac{1}{2}-\frac{1}{16}$
3	$7\frac{3}{4}$	11	$1\frac{1}{2}$	4	$0\frac{1}{8}$	12	$3\frac{1}{4}-\frac{1}{16}$	4	$4\frac{1}{2}$	13	5
3	$7\frac{7}{8}$	11	$1\frac{7}{8}$	4	$0\frac{1}{4}$	12	$3\frac{5}{8}-\frac{1}{16}$	4	$4\frac{5}{8}$	13	$5\frac{3}{8}$
3	8	11	$2\frac{1}{4}-\frac{1}{16}$	4	$0\frac{3}{8}$	12	$4\frac{1}{16}$	4	$4\frac{3}{4}$	13	$5\frac{3}{4}-\frac{1}{16}$
3	$8\frac{1}{8}$	11	$2\frac{5}{8}-\frac{1}{16}$	4	$0\frac{1}{2}$	12	$4\frac{3}{8}-\frac{1}{16}$	4	$4\frac{7}{8}$	13	$6\frac{1}{8}-\frac{1}{16}$
3	$8\frac{1}{4}$	11	$3\frac{1}{16}$	4	$0\frac{5}{8}$	12	$4\frac{3}{4}-\frac{1}{16}$	4	5	13	$6\frac{1}{2}-\frac{1}{16}$
3	$8\frac{3}{8}$	11	$3\frac{1}{2}$	4	$0\frac{3}{4}$	12	$5\frac{1}{8}-\frac{1}{16}$	4	$5\frac{1}{8}$	13	7

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
4	$5\frac{1}{4}$	13	$7\frac{3}{8}$	4	$9\frac{5}{8}$	14	$9\frac{1}{8}$	5	2	15	$10\frac{7}{8}$
4	$5\frac{3}{8}$	13	$7\frac{3}{4}$	4	$9\frac{3}{4}$	14	$9\frac{1}{2}$	5	$2\frac{1}{8}$	15	$11\frac{1}{4}$
4	$5\frac{1}{2}$	13	$8\frac{1}{8}$	4	$9\frac{7}{8}$	14	$9\frac{7}{8}$	5	$2\frac{1}{4}$	15	$11\frac{5}{8}$
4	$5\frac{5}{8}$	13	$8\frac{1}{2}$	4	10	14	$10\frac{1}{4}$	5	$2\frac{3}{8}$	16	0
4	$5\frac{3}{4}$	13	$8\frac{7}{8}$	4	$10\frac{1}{8}$	14	$10\frac{5}{8}$-$\frac{1}{16}$	5	$2\frac{1}{2}$	16	$0\frac{3}{8}$
4	$5\frac{7}{8}$	13	$9\frac{1}{4}$-$\frac{1}{16}$	4	$10\frac{1}{4}$	14	$11\frac{1}{8}$	5	$2\frac{5}{8}$	16	$0\frac{3}{4}$-$\frac{1}{16}$
4	6	13	$9\frac{5}{8}$-$\frac{1}{16}$	4	$10\frac{3}{8}$	14	$11\frac{1}{2}$	5	$2\frac{3}{4}$	16	$1\frac{1}{8}$-$\frac{1}{16}$
4	$6\frac{1}{8}$	13	$10\frac{1}{16}$	4	$10\frac{1}{2}$	14	$11\frac{7}{8}$	5	$2\frac{7}{8}$	16	$1\frac{1}{2}$-$\frac{1}{16}$
4	$6\frac{1}{4}$	13	$10\frac{1}{2}$	4	$10\frac{5}{8}$	15	$0\frac{1}{4}$	5	3	16	2
4	$6\frac{3}{8}$	13	$10\frac{7}{8}$	4	$10\frac{3}{4}$	15	$0\frac{5}{8}$	5	$3\frac{1}{8}$	16	$2\frac{3}{8}$
4	$6\frac{1}{2}$	13	$11\frac{1}{4}$-$\frac{1}{16}$	4	$10\frac{7}{8}$	15	1	5	$3\frac{1}{4}$	16	$2\frac{3}{4}$-$\frac{1}{16}$
4	$6\frac{5}{8}$	13	$11\frac{5}{8}$-$\frac{1}{16}$	4	11	15	$1\frac{3}{8}$	5	$3\frac{3}{8}$	16	$3\frac{1}{8}$-$\frac{1}{16}$
4	$6\frac{3}{4}$	14	$0\frac{1}{16}$	4	$11\frac{1}{8}$	15	$1\frac{3}{4}$-$\frac{1}{16}$	5	$3\frac{1}{2}$	16	$3\frac{1}{2}$-$\frac{1}{16}$
4	$6\frac{7}{8}$	14	$0\frac{1}{2}$	4	$11\frac{1}{4}$	15	$2\frac{1}{8}$-$\frac{1}{16}$	5	$3\frac{5}{8}$	16	4
4	7	14	$0\frac{7}{8}$	4	$11\frac{3}{8}$	15	$2\frac{1}{2}$-$\frac{1}{16}$	5	$3\frac{3}{4}$	16	$4\frac{3}{8}$
4	$7\frac{1}{8}$	14	$1\frac{1}{4}$	4	$11\frac{1}{2}$	15	3	5	$3\frac{7}{8}$	16	$4\frac{3}{4}$
4	$7\frac{1}{4}$	14	$1\frac{5}{8}$	4	$11\frac{5}{8}$	15	$3\frac{3}{8}$	5	4	16	$5\frac{1}{8}$
4	$7\frac{3}{8}$	14	2	4	$11\frac{3}{4}$	15	$3\frac{3}{4}$-$\frac{1}{16}$	5	$4\frac{1}{8}$	16	$5\frac{1}{2}$
4	$7\frac{1}{2}$	14	$2\frac{3}{8}$	4	$11\frac{7}{8}$	15	$4\frac{1}{8}$-$\frac{1}{16}$	5	$4\frac{1}{4}$	16	$5\frac{7}{8}$
4	$7\frac{5}{8}$	14	$2\frac{3}{4}$-$\frac{1}{16}$	5	0	15	$4\frac{1}{2}$-$\frac{1}{16}$	5	$4\frac{3}{8}$	16	$6\frac{1}{4}$-$\frac{1}{16}$
4	$7\frac{3}{4}$	14	$3\frac{1}{8}$-$\frac{1}{16}$	5	$0\frac{1}{8}$	15	5	5	$4\frac{1}{2}$	16	$6\frac{5}{8}$-$\frac{1}{16}$
4	$7\frac{7}{8}$	14	$3\frac{1}{2}$-$\frac{1}{16}$	5	$0\frac{1}{4}$	15	$5\frac{3}{8}$	5	$4\frac{5}{8}$	16	$7\frac{1}{8}$
4	8	14	4	5	$0\frac{3}{8}$	15	$5\frac{3}{4}$	5	$4\frac{3}{4}$	16	$7\frac{1}{2}$
4	$8\frac{1}{8}$	14	$4\frac{3}{8}$	5	$0\frac{1}{2}$	15	$6\frac{1}{8}$	5	$4\frac{7}{8}$	16	$7\frac{7}{8}$
4	$8\frac{1}{4}$	14	$4\frac{3}{4}$-$\frac{1}{16}$	5	$0\frac{5}{8}$	15	$6\frac{1}{2}$	5	5	16	$8\frac{1}{4}$-$\frac{1}{16}$
4	$8\frac{3}{8}$	14	$5\frac{1}{8}$-$\frac{1}{16}$	5	$0\frac{3}{4}$	15	$6\frac{7}{8}$	5	$5\frac{1}{8}$	16	$8\frac{5}{8}$-$\frac{1}{16}$
4	$8\frac{1}{2}$	14	$5\frac{1}{2}$-$\frac{1}{16}$	5	$0\frac{7}{8}$	15	$7\frac{1}{4}$-$\frac{1}{16}$	5	$5\frac{1}{4}$	16	$9\frac{1}{8}$
4	$8\frac{5}{8}$	14	6	5	1	15	$7\frac{3}{8}$-$\frac{1}{16}$	5	$5\frac{3}{8}$	16	$9\frac{1}{2}$
4	$8\frac{3}{4}$	14	$6\frac{3}{8}$	5	$1\frac{1}{8}$	15	$8\frac{1}{8}$	5	$5\frac{1}{2}$	16	$9\frac{7}{8}$
4	$8\frac{7}{8}$	14	$6\frac{3}{4}$	5	$1\frac{1}{4}$	15	$8\frac{1}{2}$	5	$5\frac{5}{8}$	16	$10\frac{1}{4}$
4	9	14	$7\frac{1}{8}$	5	$1\frac{3}{8}$	15	$8\frac{7}{8}$	5	$5\frac{3}{4}$	16	$10\frac{5}{8}$
4	$9\frac{1}{8}$	14	$7\frac{1}{2}$	5	$1\frac{1}{2}$	15	$9\frac{1}{4}$-$\frac{1}{16}$	5	$5\frac{7}{8}$	16	11
4	$9\frac{1}{4}$	14	$7\frac{7}{8}$	5	$1\frac{5}{8}$	15	$9\frac{5}{8}$-$\frac{1}{16}$	5	6	16	$11\frac{3}{8}$
4	$9\frac{3}{8}$	14	$8\frac{1}{4}$-$\frac{1}{16}$	5	$1\frac{3}{4}$	15	$10\frac{1}{16}$	5	$6\frac{1}{8}$	16	$11\frac{3}{4}$-$\frac{1}{16}$
4	$9\frac{1}{2}$	14	$8\frac{3}{8}$-$\frac{1}{16}$	5	$1\frac{7}{8}$	15	$10\frac{1}{2}$	5	$6\frac{1}{4}$	17	$0\frac{1}{8}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
5	$6\frac{3}{8}$	17	$0\frac{1}{2}-\frac{1}{16}$	5	$10\frac{3}{4}$	18	$2\frac{1}{4}-\frac{1}{16}$	6	$3\frac{1}{8}$	19	$4\frac{1}{8}$
5	$6\frac{1}{2}$	17	1	5	$10\frac{7}{8}$	18	$2\frac{5}{8}-\frac{1}{16}$	6	$3\frac{1}{4}$	19	$4\frac{1}{2}$
5	$6\frac{5}{8}$	17	$1\frac{3}{8}$	5	11	18	$3\frac{1}{8}$	6	$3\frac{3}{8}$	19	$4\frac{7}{8}$
5	$6\frac{3}{4}$	17	$1\frac{3}{4}-\frac{1}{16}$	5	$11\frac{1}{8}$	18	$3\frac{1}{2}$	6	$3\frac{1}{2}$	19	$5\frac{1}{4}-\frac{1}{16}$
5	$6\frac{7}{8}$	17	$2\frac{1}{8}-\frac{1}{16}$	5	$11\frac{1}{4}$	18	$3\frac{7}{8}$	6	$3\frac{5}{8}$	19	$5\frac{5}{8}-\frac{1}{16}$
5	7	17	$2\frac{1}{2}-\frac{1}{16}$	5	$11\frac{3}{8}$	18	$4\frac{1}{4}-\frac{1}{16}$	6	$3\frac{3}{4}$	19	$6\frac{1}{16}$
5	$7\frac{1}{8}$	17	3	5	$11\frac{1}{2}$	18	$4\frac{5}{8}-\frac{1}{16}$	6	$3\frac{7}{8}$	19	$6\frac{3}{8}-\frac{1}{16}$
5	$7\frac{1}{4}$	17	$3\frac{3}{8}$	5	$11\frac{5}{8}$	18	$5\frac{1}{8}$	6	4	19	$6\frac{3}{4}-\frac{1}{16}$
5	$7\frac{3}{8}$	17	$3\frac{3}{4}$	5	$11\frac{3}{4}$	18	$5\frac{1}{2}$	6	$4\frac{1}{8}$	19	$7\frac{1}{8}-\frac{1}{16}$
5	$7\frac{1}{2}$	17	$4\frac{1}{8}$	5	$11\frac{7}{8}$	18	$5\frac{7}{8}$	6	$4\frac{1}{4}$	19	$7\frac{1}{2}-\frac{1}{16}$
5	$7\frac{5}{8}$	17	$4\frac{1}{2}$	6	0	18	$6\frac{1}{4}-\frac{1}{16}$	6	$4\frac{3}{8}$	19	8
5	$7\frac{3}{4}$	17	$4\frac{7}{8}$	6	$0\frac{1}{8}$	18	$6\frac{5}{8}-\frac{1}{16}$	6	$4\frac{1}{2}$	19	$8\frac{3}{8}$
5	$7\frac{7}{8}$	17	$5\frac{1}{4}$	6	$0\frac{1}{4}$	18	$7\frac{1}{16}$	6	$4\frac{5}{8}$	19	$8\frac{3}{4}-\frac{1}{16}$
5	8	17	$5\frac{3}{8}-\frac{1}{16}$	6	$0\frac{3}{8}$	18	$7\frac{3}{8}-\frac{1}{16}$	6	$4\frac{3}{4}$	19	$9\frac{1}{8}-\frac{1}{16}$
5	$8\frac{1}{8}$	17	$6\frac{1}{8}$	6	$0\frac{1}{2}$	18	$7\frac{3}{4}-\frac{1}{16}$	6	$4\frac{7}{8}$	19	$9\frac{1}{2}-\frac{1}{16}$
5	$8\frac{1}{4}$	17	$6\frac{1}{2}$	6	$0\frac{5}{8}$	18	$8\frac{1}{8}-\frac{1}{16}$	6	5	19	10
5	$8\frac{3}{8}$	17	$6\frac{7}{8}$	6	$0\frac{3}{4}$	18	$8\frac{1}{2}-\frac{1}{16}$	6	$5\frac{1}{8}$	19	$10\frac{3}{8}$
5	$8\frac{1}{2}$	17	$7\frac{1}{4}$	6	$0\frac{7}{8}$	18	9	6	$5\frac{1}{4}$	19	$10\frac{3}{4}-\frac{1}{16}$
5	$8\frac{5}{8}$	17	$7\frac{5}{8}-\frac{1}{16}$	6	1	18	$9\frac{3}{8}$	6	$5\frac{3}{8}$	19	$11\frac{1}{8}-\frac{1}{16}$
5	$8\frac{3}{4}$	17	$8\frac{1}{8}$	6	$1\frac{1}{8}$	18	$9\frac{3}{4}-\frac{1}{16}$	6	$5\frac{1}{2}$	19	$11\frac{1}{2}-\frac{1}{16}$
5	$8\frac{7}{8}$	17	$8\frac{1}{2}$	6	$1\frac{1}{4}$	18	$10\frac{1}{8}-\frac{1}{16}$	6	$5\frac{5}{8}$	19	$11\frac{7}{8}-\frac{1}{16}$
5	9	17	$8\frac{7}{8}$	6	$1\frac{3}{8}$	18	$10\frac{1}{2}-\frac{1}{16}$	6	$5\frac{3}{4}$	20	$0\frac{1}{4}-\frac{1}{16}$
5	$9\frac{1}{8}$	17	$9\frac{1}{4}$	6	$1\frac{1}{2}$	18	11	6	$5\frac{7}{8}$	20	$0\frac{5}{8}-\frac{1}{16}$
5	$9\frac{1}{4}$	17	$9\frac{5}{8}$	6	$1\frac{5}{8}$	18	$11\frac{3}{8}$	6	6	20	$1\frac{1}{8}$
5	$9\frac{3}{8}$	17	10	6	$1\frac{3}{4}$	18	$11\frac{3}{4}-\frac{1}{16}$	6	$6\frac{1}{8}$	20	$1\frac{1}{2}$
5	$9\frac{1}{2}$	17	$10\frac{3}{8}$	6	$1\frac{7}{8}$	19	$0\frac{1}{8}-\frac{1}{16}$	6	$6\frac{1}{4}$	20	$1\frac{7}{8}$
5	$9\frac{5}{8}$	17	$10\frac{3}{4}-\frac{1}{16}$	6	2	19	$0\frac{1}{2}-\frac{1}{16}$	6	$6\frac{3}{8}$	20	$2\frac{1}{4}-\frac{1}{16}$
5	$9\frac{3}{4}$	17	$11\frac{1}{8}-\frac{1}{16}$	6	$2\frac{1}{8}$	19	$0\frac{7}{8}-\frac{1}{16}$	6	$6\frac{1}{2}$	20	$2\frac{7}{8}-\frac{1}{16}$
5	$9\frac{7}{8}$	17	$11\frac{1}{2}-\frac{1}{16}$	6	$2\frac{1}{4}$	19	$1\frac{1}{4}-\frac{1}{16}$	6	$6\frac{5}{8}$	20	$3\frac{1}{8}$
5	10	18	0	6	$2\frac{3}{8}$	19	$1\frac{5}{8}-\frac{1}{16}$	6	$6\frac{3}{4}$	20	$3\frac{1}{2}$
5	$10\frac{1}{8}$	18	$0\frac{3}{8}$	6	$2\frac{1}{2}$	19	$2\frac{1}{8}$	6	$6\frac{7}{8}$	20	$3\frac{7}{8}$
5	$10\frac{1}{4}$	18	$0\frac{3}{4}-\frac{1}{16}$	6	$2\frac{5}{8}$	19	$2\frac{1}{2}$	6	7	20	$4\frac{1}{4}-\frac{1}{16}$
5	$10\frac{3}{8}$	18	$1\frac{1}{8}-\frac{1}{16}$	6	$2\frac{3}{4}$	19	$2\frac{7}{8}$	6	$7\frac{1}{8}$	20	$4\frac{5}{8}-\frac{1}{16}$
5	$10\frac{1}{2}$	18	$1\frac{1}{2}-\frac{1}{16}$	6	$2\frac{7}{8}$	19	$3\frac{1}{4}-\frac{1}{16}$	6	$7\frac{1}{4}$	20	$5\frac{1}{16}$
5	$10\frac{5}{8}$	18	$1\frac{7}{8}-\frac{1}{16}$	6	3	19	$3\frac{5}{8}-\frac{1}{16}$	6	$7\frac{3}{8}$	20	$5\frac{3}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
6	$7\frac{1}{2}$	20	$5\frac{3}{4}-\frac{1}{16}$	6	$9\frac{1}{8}$	20	$10\frac{7}{8}$	6	$10\frac{3}{4}$	21	4
6	$7\frac{5}{8}$	20	$6\frac{1}{8}-\frac{1}{16}$	6	$9\frac{1}{4}$	20	$11\frac{1}{4}-\frac{1}{16}$	6	$10\frac{7}{8}$	21	$4\frac{3}{8}$
6	$7\frac{3}{4}$	20	$6\frac{1}{2}-\frac{1}{16}$	6	$9\frac{3}{8}$	20	$11\frac{5}{8}-\frac{1}{16}$	6	11	21	$4\frac{3}{4}-\frac{1}{16}$
6	$7\frac{7}{8}$	20	7	6	$9\frac{1}{2}$	21	$0\frac{1}{8}$	6	$11\frac{1}{8}$	21	$5\frac{1}{8}-\frac{1}{16}$
6	8	20	$7\frac{3}{8}$	6	$9\frac{5}{8}$	21	$0\frac{1}{2}$	6	$11\frac{1}{4}$	21	$5\frac{1}{2}-\frac{1}{16}$
6	$8\frac{1}{8}$	20	$7\frac{3}{4}-\frac{1}{16}$	6	$9\frac{3}{4}$	21	$0\frac{7}{8}$	6	$11\frac{3}{8}$	21	6
6	$8\frac{1}{4}$	20	$8\frac{1}{8}-\frac{1}{16}$	6	$9\frac{7}{8}$	21	$1\frac{1}{4}-\frac{1}{16}$	6	$11\frac{1}{2}$	21	$6\frac{3}{8}$
6	$8\frac{3}{8}$	20	$8\frac{1}{2}-\frac{1}{16}$	6	10	21	$1\frac{5}{8}-\frac{1}{16}$	6	$11\frac{5}{8}$	21	$6\frac{3}{4}-\frac{1}{16}$
6	$8\frac{1}{2}$	20	9	6	$10\frac{1}{8}$	21	$2\frac{1}{8}$	6	$11\frac{3}{4}$	21	$7\frac{1}{8}-\frac{1}{16}$
6	$8\frac{5}{8}$	20	$9\frac{3}{8}$	6	$10\frac{1}{4}$	21	$2\frac{1}{2}$	6	$11\frac{7}{8}$	21	$7\frac{1}{2}-\frac{1}{16}$
6	$8\frac{3}{4}$	20	$9\frac{3}{4}$	6	$10\frac{3}{8}$	21	$2\frac{7}{8}$	7	0	21	8
6	$8\frac{7}{8}$	20	$10\frac{1}{8}$	6	$10\frac{1}{2}$	21	$3\frac{1}{4}$				
6	9	20	$10\frac{1}{2}$	6	$10\frac{5}{8}$	21	$3\frac{5}{8}$				

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}-\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	0	2	$9\frac{1}{4}-\frac{1}{16}$	1	$1\frac{7}{8}$	3	$3\frac{1}{4}$	1	$3\frac{3}{4}$	3	$9\frac{1}{8}$
1	$0\frac{1}{8}$	2	$9\frac{3}{4}$	1	2	3	$3\frac{5}{8}$	1	$3\frac{7}{8}$	3	$9\frac{1}{2}-\frac{1}{16}$
1	$0\frac{1}{4}$	2	$10\frac{1}{8}$	1	$2\frac{1}{8}$	3	$4\frac{1}{16}$	1	4	3	$9\frac{7}{8}-\frac{1}{16}$
1	$0\frac{3}{8}$	2	$10\frac{1}{2}-\frac{1}{16}$	1	$2\frac{1}{4}$	3	$4\frac{3}{8}-\frac{1}{16}$	1	$4\frac{1}{8}$	3	$10\frac{1}{4}-\frac{1}{16}$
1	$0\frac{1}{2}$	2	$10\frac{7}{8}-\frac{1}{16}$	1	$2\frac{3}{8}$	3	$4\frac{3}{4}-\frac{1}{16}$	1	$4\frac{1}{4}$	3	$10\frac{5}{8}-\frac{1}{16}$
1	$0\frac{5}{8}$	2	$11\frac{1}{4}-\frac{1}{16}$	1	$2\frac{1}{2}$	3	$5\frac{1}{8}-\frac{1}{16}$	1	$4\frac{3}{8}$	3	$11\frac{1}{16}$
1	$0\frac{3}{4}$	2	$11\frac{5}{8}-\frac{1}{16}$	1	$2\frac{5}{8}$	3	$5\frac{1}{2}-\frac{1}{16}$	1	$4\frac{1}{2}$	3	$11\frac{1}{2}$
1	$0\frac{7}{8}$	3	$0\frac{1}{16}$	1	$2\frac{3}{4}$	3	6	1	$4\frac{5}{8}$	3	$11\frac{7}{8}$
1	1	3	$0\frac{1}{2}$	1	$2\frac{7}{8}$	3	$6\frac{3}{8}$	1	$4\frac{3}{4}$	4	$0\frac{1}{4}$
1	$1\frac{1}{8}$	3	$0\frac{7}{8}$	1	3	3	$6\frac{3}{4}-\frac{1}{16}$	1	$4\frac{7}{8}$	4	$0\frac{5}{8}-\frac{1}{16}$
1	$1\frac{1}{4}$	3	$1\frac{1}{4}-\frac{1}{16}$	1	$3\frac{1}{8}$	3	$7\frac{1}{8}-\frac{1}{16}$	1	5	4	$1\frac{1}{16}$
1	$1\frac{3}{8}$	3	$1\frac{5}{8}-\frac{1}{16}$	1	$3\frac{1}{4}$	3	$7\frac{1}{2}-\frac{1}{16}$	1	$5\frac{1}{8}$	4	$1\frac{3}{8}-\frac{1}{16}$
1	$1\frac{1}{2}$	3	$2\frac{1}{16}$	1	$3\frac{3}{8}$	3	$7\frac{7}{8}-\frac{1}{16}$	1	$5\frac{1}{4}$	4	$1\frac{3}{4}-\frac{1}{16}$
1	$1\frac{5}{8}$	3	$2\frac{3}{8}-\frac{1}{16}$	1	$3\frac{1}{2}$	3	$8\frac{1}{4}-\frac{1}{16}$	1	$5\frac{3}{8}$	4	$2\frac{1}{4}$
1	$1\frac{3}{4}$	3	$2\frac{3}{4}-\frac{1}{16}$	1	$3\frac{5}{8}$	3	$8\frac{3}{4}$	1	$5\frac{1}{2}$	4	$2\frac{5}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}$-$\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	$5\frac{5}{8}$	4	$3\frac{1}{16}$	1	10	5	$4\frac{3}{4}$	2	$2\frac{3}{8}$	6	$6\frac{1}{2}$
1	$5\frac{3}{4}$	4	$3\frac{3}{8}$-$\frac{1}{16}$	1	$10\frac{1}{8}$	5	$5\frac{1}{8}$-$\frac{1}{16}$	2	$2\frac{1}{2}$	6	$6\frac{7}{8}$-$\frac{1}{16}$
1	$5\frac{7}{8}$	4	$3\frac{3}{4}$-$\frac{1}{16}$	1	$10\frac{1}{4}$	5	$5\frac{1}{2}$-$\frac{1}{16}$	2	$2\frac{5}{8}$	6	$7\frac{1}{4}$-$\frac{1}{16}$
1	6	4	$4\frac{1}{8}$-$\frac{1}{16}$	1	$10\frac{3}{8}$	5	$5\frac{7}{8}$-$\frac{1}{16}$	2	$2\frac{3}{4}$	6	$7\frac{3}{4}$
1	$6\frac{1}{8}$	4	$4\frac{1}{2}$-$\frac{1}{16}$	1	$10\frac{1}{2}$	5	$6\frac{1}{4}$-$\frac{1}{16}$	2	$2\frac{7}{8}$	6	$8\frac{1}{8}$
1	$6\frac{1}{4}$	4	5	1	$10\frac{5}{8}$	5	$6\frac{3}{4}$	2	3	6	$8\frac{1}{2}$
1	$6\frac{3}{8}$	4	$5\frac{3}{8}$	1	$10\frac{3}{4}$	5	$7\frac{1}{8}$	2	$3\frac{1}{8}$	6	$8\frac{7}{8}$
1	$6\frac{1}{2}$	4	$5\frac{3}{4}$-$\frac{1}{16}$	1	$10\frac{7}{8}$	5	$7\frac{1}{2}$	2	$3\frac{1}{4}$	6	$9\frac{1}{4}$
1	$6\frac{5}{8}$	4	$6\frac{1}{8}$-$\frac{1}{16}$	1	11	5	$7\frac{7}{8}$	2	$3\frac{3}{8}$	6	$9\frac{3}{8}$-$\frac{1}{16}$
1	$6\frac{3}{4}$	4	$6\frac{1}{2}$-$\frac{1}{16}$	1	$11\frac{1}{8}$	5	$8\frac{1}{4}$-$\frac{1}{16}$	2	$3\frac{1}{2}$	6	$10\frac{1}{16}$
1	$6\frac{7}{8}$	4	$6\frac{7}{8}$-$\frac{1}{16}$	1	$11\frac{1}{4}$	5	$8\frac{5}{8}$-$\frac{1}{16}$	2	$3\frac{5}{8}$	6	$10\frac{3}{8}$-$\frac{1}{16}$
1	7	4	$7\frac{1}{4}$-$\frac{1}{16}$	1	$11\frac{3}{8}$	5	$9\frac{1}{16}$	2	$3\frac{3}{4}$	6	$10\frac{3}{4}$-$\frac{1}{16}$
1	$7\frac{1}{8}$	4	$7\frac{3}{4}$	1	$11\frac{1}{2}$	5	$9\frac{1}{2}$	2	$3\frac{7}{8}$	6	$11\frac{1}{4}$
1	$7\frac{1}{4}$	4	$8\frac{1}{8}$	1	$11\frac{5}{8}$	5	$9\frac{7}{8}$	2	4	6	$11\frac{5}{8}$
1	$7\frac{3}{8}$	4	$8\frac{1}{2}$	1	$11\frac{3}{4}$	5	$10\frac{1}{4}$	2	$4\frac{1}{8}$	7	0
1	$7\frac{1}{2}$	4	$8\frac{7}{8}$-$\frac{1}{16}$	1	$11\frac{7}{8}$	5	$10\frac{5}{8}$	2	$4\frac{1}{4}$	7	$0\frac{3}{8}$-$\frac{1}{16}$
1	$7\frac{5}{8}$	4	$9\frac{1}{4}$-$\frac{1}{16}$	2	0	5	$11\frac{1}{16}$	2	$4\frac{3}{8}$	7	$0\frac{3}{4}$-$\frac{1}{16}$
1	$7\frac{3}{4}$	4	$9\frac{5}{8}$-$\frac{1}{16}$	2	$0\frac{1}{8}$	5	$11\frac{3}{8}$-$\frac{1}{16}$	2	$4\frac{1}{2}$	7	$1\frac{1}{8}$-$\frac{1}{16}$
1	$7\frac{7}{8}$	4	$10\frac{1}{16}$	2	$0\frac{1}{4}$	5	$11\frac{3}{4}$-$\frac{1}{16}$	2	$4\frac{5}{8}$	7	$1\frac{1}{2}$-$\frac{1}{16}$
1	8	4	$10\frac{1}{2}$	2	$0\frac{3}{8}$	6	$0\frac{1}{4}$	2	$4\frac{3}{4}$	7	2
1	$8\frac{1}{8}$	4	$10\frac{7}{8}$	2	$0\frac{1}{2}$	6	$0\frac{5}{8}$	2	$4\frac{7}{8}$	7	$2\frac{3}{8}$
1	$8\frac{1}{4}$	4	$11\frac{1}{4}$	2	$0\frac{5}{8}$	6	1	2	5	7	$2\frac{3}{4}$
1	$8\frac{3}{8}$	4	$11\frac{5}{8}$-$\frac{1}{16}$	2	$0\frac{3}{4}$	6	$1\frac{3}{8}$	2	$5\frac{1}{8}$	7	$3\frac{1}{8}$
1	$8\frac{1}{2}$	5	$0\frac{1}{16}$	2	$0\frac{7}{8}$	6	$1\frac{3}{4}$-$\frac{1}{16}$	2	$5\frac{1}{4}$	7	$3\frac{1}{2}$-$\frac{1}{16}$
1	$8\frac{5}{8}$	5	$0\frac{3}{8}$-$\frac{1}{16}$	2	1	6	$2\frac{1}{8}$-$\frac{1}{16}$	2	$5\frac{3}{8}$	7	$3\frac{7}{8}$-$\frac{1}{16}$
1	$8\frac{3}{4}$	5	$0\frac{3}{4}$-$\frac{1}{16}$	2	$1\frac{1}{8}$	6	$2\frac{1}{2}$-$\frac{1}{16}$	2	$5\frac{1}{2}$	7	$4\frac{1}{4}$-$\frac{1}{16}$
1	$8\frac{7}{8}$	5	$1\frac{1}{4}$	2	$1\frac{1}{4}$	6	3	2	$5\frac{5}{8}$	7	$4\frac{3}{4}$
1	9	5	$1\frac{5}{8}$	2	$1\frac{3}{8}$	6	$3\frac{3}{8}$	2	$5\frac{3}{4}$	7	$5\frac{1}{8}$
1	$9\frac{1}{8}$	5	2	2	$1\frac{1}{2}$	6	$3\frac{3}{4}$	2	$5\frac{7}{8}$	7	$5\frac{1}{2}$
1	$9\frac{1}{4}$	5	$2\frac{3}{8}$-$\frac{1}{16}$	2	$1\frac{5}{8}$	6	$4\frac{1}{8}$	2	6	7	$5\frac{7}{8}$
1	$9\frac{3}{8}$	5	$2\frac{3}{4}$-$\frac{1}{16}$	2	$1\frac{3}{4}$	6	$4\frac{1}{2}$-$\frac{1}{16}$	2	$6\frac{1}{8}$	7	$6\frac{1}{4}$-$\frac{1}{16}$
1	$9\frac{1}{2}$	5	$3\frac{1}{8}$-$\frac{1}{16}$	2	$1\frac{7}{8}$	6	$4\frac{7}{8}$-$\frac{1}{16}$	2	$6\frac{1}{4}$	7	$6\frac{5}{8}$-$\frac{1}{16}$
1	$9\frac{5}{8}$	5	$3\frac{1}{2}$-$\frac{1}{16}$	2	2	6	$5\frac{1}{4}$-$\frac{1}{16}$	2	$6\frac{3}{8}$	7	$7\frac{1}{16}$
1	$9\frac{3}{4}$	5	4	2	$2\frac{1}{8}$	6	$5\frac{3}{4}$	2	$6\frac{1}{2}$	7	$7\frac{3}{8}$-$\frac{1}{16}$
1	$9\frac{7}{8}$	5	$4\frac{3}{8}$	2	$2\frac{1}{4}$	6	$6\frac{1}{8}$	2	$6\frac{5}{8}$	7	$7\frac{7}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}$-$\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
2	$6\frac{3}{4}$	7	$8\frac{1}{4}$	2	$11\frac{1}{8}$	8	10	3	$3\frac{1}{2}$	9	$11\frac{3}{4}$-$\frac{1}{16}$
2	$6\frac{7}{8}$	7	$8\frac{5}{8}$	2	$11\frac{1}{4}$	8	$10\frac{3}{8}$	3	$3\frac{5}{8}$	10	$0\frac{1}{8}$-$\frac{1}{16}$
2	7	7	$9\frac{1}{16}$	2	$11\frac{3}{8}$	8	$10\frac{3}{4}$-$\frac{1}{16}$	3	$3\frac{3}{4}$	10	$0\frac{1}{2}$-$\frac{1}{16}$
2	$7\frac{1}{8}$	7	$9\frac{3}{8}$-$\frac{1}{16}$	2	$11\frac{1}{2}$	8	$11\frac{1}{8}$-$\frac{1}{16}$	3	$3\frac{7}{8}$	10	1
2	$7\frac{1}{4}$	7	$9\frac{3}{4}$-$\frac{1}{16}$	2	$11\frac{5}{8}$	8	$11\frac{5}{8}$	3	4	10	$1\frac{3}{8}$
2	$7\frac{3}{8}$	7	$10\frac{1}{4}$	2	$11\frac{3}{4}$	9	0	3	$4\frac{1}{8}$	10	$1\frac{3}{4}$
2	$7\frac{1}{2}$	7	$10\frac{5}{8}$	2	$11\frac{7}{8}$	9	$0\frac{3}{8}$	3	$4\frac{1}{4}$	10	$2\frac{1}{8}$
2	$7\frac{5}{8}$	7	11	3	0	9	$0\frac{3}{4}$-$\frac{1}{16}$	3	$4\frac{3}{8}$	10	$2\frac{1}{2}$
2	$7\frac{3}{4}$	7	$11\frac{3}{8}$	3	$0\frac{1}{8}$	9	$1\frac{1}{8}$-$\frac{1}{16}$	3	$4\frac{1}{2}$	10	$2\frac{7}{8}$
2	$7\frac{7}{8}$	7	$11\frac{3}{4}$-$\frac{1}{16}$	3	$0\frac{1}{4}$	9	$1\frac{5}{8}$	3	$4\frac{5}{8}$	10	$3\frac{1}{4}$-$\frac{1}{16}$
2	8	8	$0\frac{1}{8}$-$\frac{1}{16}$	3	$0\frac{3}{8}$	9	2	3	$4\frac{3}{4}$	10	$3\frac{5}{8}$-$\frac{1}{16}$
2	$8\frac{1}{8}$	8	$0\frac{1}{2}$-$\frac{1}{16}$	3	$0\frac{1}{2}$	9	$2\frac{3}{8}$	3	$4\frac{7}{8}$	10	$4\frac{1}{8}$
2	$8\frac{1}{4}$	8	1	3	$0\frac{5}{8}$	9	$2\frac{3}{4}$	3	5	10	$4\frac{1}{2}$
2	$8\frac{3}{8}$	8	$1\frac{3}{8}$	3	$0\frac{3}{4}$	9	$3\frac{1}{8}$	3	$5\frac{1}{8}$	10	$4\frac{7}{8}$
2	$8\frac{1}{2}$	8	$1\frac{3}{4}$-$\frac{1}{16}$	3	$0\frac{7}{8}$	9	$3\frac{1}{2}$	3	$5\frac{1}{4}$	10	$5\frac{1}{4}$-$\frac{1}{16}$
2	$8\frac{5}{8}$	8	$2\frac{1}{8}$-$\frac{1}{16}$	3	1	9	$3\frac{7}{8}$	3	$5\frac{3}{8}$	10	$5\frac{3}{8}$-$\frac{1}{16}$
2	$8\frac{3}{4}$	8	$2\frac{1}{2}$-$\frac{1}{16}$	3	$1\frac{1}{8}$	9	$4\frac{1}{4}$-$\frac{1}{16}$	3	$5\frac{1}{2}$	10	$6\frac{1}{16}$
2	$8\frac{7}{8}$	8	3	3	$1\frac{1}{4}$	9	$4\frac{5}{8}$-$\frac{1}{16}$	3	$5\frac{5}{8}$	10	$6\frac{3}{8}$-$\frac{1}{16}$
2	9	8	$3\frac{3}{8}$	3	$1\frac{3}{8}$	9	$5\frac{1}{16}$	3	$5\frac{3}{4}$	10	$6\frac{3}{4}$-$\frac{1}{16}$
2	$9\frac{1}{8}$	8	$3\frac{3}{4}$	3	$1\frac{1}{2}$	9	$5\frac{1}{2}$	3	$5\frac{7}{8}$	10	$7\frac{1}{8}$-$\frac{1}{16}$
2	$9\frac{1}{4}$	8	$4\frac{1}{8}$	3	$1\frac{5}{8}$	9	$5\frac{7}{8}$	3	6	10	$7\frac{5}{8}$
2	$9\frac{3}{8}$	8	$4\frac{1}{2}$	3	$1\frac{3}{4}$	9	$6\frac{1}{4}$-$\frac{1}{16}$	3	$6\frac{1}{8}$	10	8
2	$9\frac{1}{2}$	8	$4\frac{7}{8}$	3	$1\frac{7}{8}$	9	$6\frac{5}{8}$-$\frac{1}{16}$	3	$6\frac{1}{4}$	10	$8\frac{3}{8}$
2	$9\frac{5}{8}$	8	$5\frac{1}{4}$-$\frac{1}{16}$	3	2	9	$7\frac{1}{16}$	3	$6\frac{3}{8}$	10	$8\frac{3}{4}$-$\frac{1}{16}$
2	$9\frac{3}{4}$	8	$5\frac{5}{8}$-$\frac{1}{16}$	3	$2\frac{1}{8}$	9	$7\frac{3}{8}$-$\frac{1}{16}$	3	$6\frac{1}{2}$	10	$9\frac{1}{8}$-$\frac{1}{16}$
2	$9\frac{7}{8}$	8	$6\frac{1}{16}$	3	$2\frac{1}{4}$	9	$7\frac{3}{4}$-$\frac{1}{16}$	3	$6\frac{5}{8}$	10	$9\frac{5}{8}$
2	10	8	$6\frac{1}{2}$	3	$2\frac{3}{8}$	9	$8\frac{1}{8}$-$\frac{1}{16}$	3	$6\frac{3}{4}$	10	10
2	$10\frac{1}{8}$	8	$6\frac{7}{8}$	3	$2\frac{1}{2}$	9	$8\frac{1}{2}$-$\frac{1}{16}$	3	$6\frac{7}{8}$	10	$10\frac{3}{8}$
2	$10\frac{1}{4}$	8	$7\frac{1}{4}$-$\frac{1}{16}$	3	$2\frac{5}{8}$	9	9	3	7	10	$10\frac{3}{4}$-$\frac{1}{16}$
2	$10\frac{3}{8}$	8	$7\frac{5}{8}$-$\frac{1}{16}$	3	$2\frac{3}{4}$	9	$9\frac{3}{8}$	3	$7\frac{1}{8}$	10	$11\frac{1}{8}$-$\frac{1}{16}$
2	$10\frac{1}{2}$	8	$8\frac{1}{16}$	3	$2\frac{7}{8}$	9	$9\frac{3}{4}$-$\frac{1}{16}$	3	$7\frac{1}{4}$	10	$11\frac{1}{2}$-$\frac{1}{16}$
2	$10\frac{5}{8}$	8	$8\frac{1}{2}$	3	3	9	$10\frac{1}{8}$-$\frac{1}{16}$	3	$7\frac{3}{8}$	10	$11\frac{7}{8}$-$\frac{1}{16}$
2	$10\frac{3}{4}$	8	$8\frac{7}{8}$	3	$3\frac{1}{8}$	9	$10\frac{1}{2}$-$\frac{1}{16}$	3	$7\frac{1}{2}$	11	$0\frac{1}{4}$-$\frac{1}{16}$
2	$10\frac{7}{8}$	8	$9\frac{1}{4}$	3	$3\frac{1}{4}$	9	11	3	$7\frac{5}{8}$	11	$0\frac{5}{8}$-$\frac{1}{16}$
2	11	8	$9\frac{5}{8}$	3	$3\frac{3}{8}$	9	$11\frac{3}{8}$	3	$7\frac{3}{4}$	11	$1\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}$-$\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	$7\frac{7}{8}$	11	$1\frac{1}{2}$	4	$0\frac{1}{4}$	12	$3\frac{1}{4}$-$\frac{1}{16}$	4	$4\frac{5}{8}$	13	5
3	8	11	$1\frac{7}{8}$	4	$0\frac{3}{8}$	12	$3\frac{3}{8}$-$\frac{1}{16}$	4	$4\frac{3}{4}$	13	$5\frac{3}{8}$
3	$8\frac{1}{8}$	11	$2\frac{1}{4}$-$\frac{1}{16}$	4	$0\frac{1}{2}$	12	$4\frac{1}{16}$	4	$4\frac{7}{8}$	13	$5\frac{3}{4}$-$\frac{1}{16}$
3	$8\frac{1}{4}$	11	$2\frac{5}{8}$-$\frac{1}{16}$	4	$0\frac{5}{8}$	12	$4\frac{3}{8}$-$\frac{1}{16}$	4	5	13	$6\frac{1}{8}$-$\frac{1}{16}$
3	$8\frac{3}{8}$	11	$3\frac{1}{16}$	4	$0\frac{3}{4}$	12	$4\frac{3}{4}$-$\frac{1}{16}$	4	$5\frac{1}{8}$	13	$6\frac{1}{2}$-$\frac{1}{16}$
3	$8\frac{1}{2}$	11	$3\frac{1}{2}$	4	$0\frac{7}{8}$	12	$5\frac{1}{8}$-$\frac{1}{16}$	4	$5\frac{1}{4}$	13	7
3	$8\frac{5}{8}$	11	$3\frac{7}{8}$	4	1	12	$5\frac{1}{2}$-$\frac{1}{16}$	4	$5\frac{3}{8}$	13	$7\frac{3}{8}$
3	$8\frac{3}{4}$	11	$4\frac{1}{4}$-$\frac{1}{16}$	4	$1\frac{1}{8}$	12	6	4	$5\frac{1}{2}$	13	$7\frac{3}{4}$
3	$8\frac{7}{8}$	11	$4\frac{5}{8}$-$\frac{1}{16}$	4	$1\frac{1}{4}$	12	$6\frac{3}{8}$	4	$5\frac{5}{8}$	13	$8\frac{1}{8}$
3	9	11	$5\frac{1}{16}$	4	$1\frac{3}{8}$	12	$6\frac{3}{4}$-$\frac{1}{16}$	4	$5\frac{3}{4}$	13	$8\frac{1}{2}$
3	$9\frac{1}{8}$	11	$5\frac{3}{8}$-$\frac{1}{16}$	4	$1\frac{1}{2}$	12	$7\frac{1}{8}$-$\frac{1}{16}$	4	$5\frac{7}{8}$	13	$8\frac{7}{8}$
3	$9\frac{1}{4}$	11	$5\frac{3}{4}$-$\frac{1}{16}$	4	$1\frac{5}{8}$	12	$7\frac{1}{2}$-$\frac{1}{16}$	4	6	13	$9\frac{1}{4}$-$\frac{1}{16}$
3	$9\frac{3}{8}$	11	$6\frac{1}{8}$-$\frac{1}{16}$	4	$1\frac{3}{4}$	12	8	4	$6\frac{1}{8}$	13	$9\frac{5}{8}$-$\frac{1}{16}$
3	$9\frac{1}{2}$	11	$6\frac{1}{2}$-$\frac{1}{16}$	4	$1\frac{7}{8}$	12	$8\frac{3}{8}$	4	$6\frac{1}{4}$	13	$10\frac{1}{16}$
3	$9\frac{5}{8}$	11	7	4	2	12	$8\frac{3}{4}$-$\frac{1}{16}$	4	$6\frac{3}{8}$	13	$10\frac{1}{2}$
3	$9\frac{3}{4}$	11	$7\frac{3}{8}$	4	$2\frac{1}{8}$	12	$9\frac{1}{8}$-$\frac{1}{16}$	4	$6\frac{1}{2}$	13	$10\frac{7}{8}$
3	$9\frac{7}{8}$	11	$7\frac{3}{4}$-$\frac{1}{16}$	4	$2\frac{1}{4}$	12	$9\frac{1}{2}$-$\frac{1}{16}$	4	$6\frac{5}{8}$	13	$11\frac{1}{4}$-$\frac{1}{16}$
3	10	11	$8\frac{1}{8}$-$\frac{1}{16}$	4	$2\frac{3}{8}$	12	$9\frac{7}{8}$-$\frac{1}{16}$	4	$6\frac{3}{4}$	13	$11\frac{5}{8}$-$\frac{1}{16}$
3	$10\frac{1}{8}$	11	$8\frac{1}{2}$-$\frac{1}{16}$	4	$2\frac{1}{2}$	12	$10\frac{1}{4}$-$\frac{1}{16}$	4	$6\frac{7}{8}$	14	$0\frac{1}{16}$
3	$10\frac{1}{4}$	11	9	4	$2\frac{5}{8}$	12	$10\frac{5}{8}$-$\frac{1}{16}$	4	7	14	$0\frac{1}{2}$
3	$10\frac{3}{8}$	11	$9\frac{3}{8}$	4	$2\frac{3}{4}$	12	$11\frac{1}{16}$	4	$7\frac{1}{8}$	14	$0\frac{7}{8}$
3	$10\frac{1}{2}$	11	$9\frac{3}{4}$-$\frac{1}{16}$	4	$2\frac{7}{8}$	12	$11\frac{1}{2}$	4	$7\frac{1}{4}$	14	$1\frac{1}{4}$
3	$10\frac{5}{8}$	11	$10\frac{1}{8}$-$\frac{1}{16}$	4	3	12	$11\frac{7}{8}$	4	$7\frac{3}{8}$	14	$1\frac{5}{8}$
3	$10\frac{3}{4}$	11	$10\frac{1}{2}$-$\frac{1}{16}$	4	$3\frac{1}{8}$	13	$0\frac{1}{4}$-$\frac{1}{16}$	4	$7\frac{1}{2}$	14	2
3	$10\frac{7}{8}$	11	$10\frac{7}{8}$-$\frac{1}{16}$	4	$3\frac{1}{4}$	13	$0\frac{5}{8}$-$\frac{1}{16}$	4	$7\frac{5}{8}$	14	$2\frac{3}{8}$
3	11	11	$11\frac{1}{4}$-$\frac{1}{16}$	4	$3\frac{3}{8}$	13	$1\frac{1}{16}$	4	$7\frac{3}{4}$	14	$2\frac{3}{4}$-$\frac{1}{16}$
3	$11\frac{1}{8}$	11	$11\frac{5}{8}$-$\frac{1}{16}$	4	$3\frac{1}{2}$	13	$1\frac{1}{2}$	4	$7\frac{7}{8}$	14	$3\frac{1}{8}$-$\frac{1}{16}$
3	$11\frac{1}{4}$	12	$0\frac{1}{16}$	4	$3\frac{5}{8}$	13	$1\frac{7}{8}$	4	8	14	$3\frac{1}{2}$-$\frac{1}{16}$
3	$11\frac{3}{8}$	12	$0\frac{1}{2}$	4	$3\frac{3}{4}$	13	$2\frac{1}{4}$-$\frac{1}{16}$	4	$8\frac{1}{8}$	14	4
3	$11\frac{1}{2}$	12	$0\frac{7}{8}$	4	$3\frac{7}{8}$	13	$2\frac{5}{8}$-$\frac{1}{16}$	4	$8\frac{1}{4}$	14	$4\frac{3}{8}$
3	$11\frac{5}{8}$	12	$1\frac{1}{4}$-$\frac{1}{16}$	4	4	13	$3\frac{1}{16}$	4	$8\frac{3}{8}$	14	$4\frac{3}{4}$-$\frac{1}{16}$
3	$11\frac{3}{4}$	12	$1\frac{5}{8}$-$\frac{1}{16}$	4	$4\frac{1}{8}$	13	$3\frac{3}{8}$-$\frac{1}{16}$	4	$8\frac{1}{2}$	14	$5\frac{1}{8}$-$\frac{1}{16}$
3	$11\frac{7}{8}$	12	$2\frac{1}{16}$	4	$4\frac{1}{4}$	13	$3\frac{3}{4}$-$\frac{1}{16}$	4	$8\frac{5}{8}$	14	$5\frac{1}{2}$-$\frac{1}{16}$
4	0	12	$2\frac{1}{2}$	4	$4\frac{3}{8}$	13	$4\frac{1}{8}$-$\frac{1}{16}$	4	$8\frac{3}{4}$	14	6
4	$0\frac{1}{8}$	12	$2\frac{7}{8}$	4	$4\frac{1}{2}$	13	$4\frac{1}{2}$-$\frac{1}{16}$	4	$8\frac{7}{8}$	14	$6\frac{3}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}$-$\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
4	9	14	$6\frac{3}{4}$	5	$1\frac{3}{8}$	15	$8\frac{1}{2}$	5	$5\frac{3}{4}$	16	$10\frac{1}{4}$
4	$9\frac{1}{8}$	14	$7\frac{1}{8}$	5	$1\frac{1}{2}$	15	$8\frac{7}{8}$	5	$5\frac{7}{8}$	16	$10\frac{5}{8}$
4	$9\frac{1}{4}$	14	$7\frac{1}{2}$	5	$1\frac{5}{8}$	15	$9\frac{1}{4}$-$\frac{1}{16}$	5	6	16	11
4	$9\frac{3}{8}$	14	$7\frac{7}{8}$	5	$1\frac{3}{4}$	15	$9\frac{5}{8}$-$\frac{1}{16}$	5	$6\frac{1}{8}$	16	$11\frac{3}{8}$
4	$9\frac{1}{2}$	14	$8\frac{1}{4}$-$\frac{1}{16}$	5	$1\frac{7}{8}$	15	$10\frac{1}{16}$	5	$6\frac{1}{4}$	16	$11\frac{3}{4}$-$\frac{1}{16}$
4	$9\frac{5}{8}$	14	$8\frac{5}{8}$-$\frac{1}{16}$	5	2	15	$10\frac{1}{2}$	5	$6\frac{3}{8}$	17	$0\frac{1}{8}$-$\frac{1}{16}$
4	$9\frac{3}{4}$	14	$9\frac{1}{8}$	5	$2\frac{1}{8}$	15	$10\frac{7}{8}$	5	$6\frac{1}{2}$	17	$0\frac{1}{2}$-$\frac{1}{16}$
4	$9\frac{7}{8}$	14	$9\frac{1}{2}$	5	$2\frac{1}{4}$	15	$11\frac{1}{4}$	5	$6\frac{5}{8}$	17	1
4	10	14	$9\frac{7}{8}$	5	$2\frac{3}{8}$	15	$11\frac{5}{8}$	5	$6\frac{3}{4}$	17	$1\frac{3}{8}$
4	$10\frac{1}{8}$	14	$10\frac{1}{4}$	5	$2\frac{1}{2}$	16	0	5	$6\frac{7}{8}$	17	$1\frac{3}{4}$-$\frac{1}{16}$
4	$10\frac{1}{4}$	14	$10\frac{5}{8}$-$\frac{1}{16}$	5	$2\frac{5}{8}$	16	$0\frac{3}{8}$	5	7	17	$2\frac{1}{8}$-$\frac{1}{16}$
4	$10\frac{3}{8}$	14	$11\frac{1}{8}$	5	$2\frac{3}{4}$	16	$0\frac{3}{4}$-$\frac{1}{16}$	5	$7\frac{1}{8}$	17	$2\frac{1}{2}$-$\frac{1}{16}$
4	$10\frac{1}{2}$	14	$11\frac{1}{2}$	5	$2\frac{7}{8}$	16	$1\frac{1}{8}$-$\frac{1}{16}$	5	$7\frac{1}{4}$	17	3
4	$10\frac{5}{8}$	14	$11\frac{7}{8}$	5	3	16	$1\frac{1}{2}$-$\frac{1}{16}$	5	$7\frac{3}{8}$	17	$3\frac{3}{8}$
4	$10\frac{3}{4}$	15	$0\frac{1}{4}$	5	$3\frac{1}{8}$	16	2	5	$7\frac{1}{2}$	17	$3\frac{3}{4}$
4	$10\frac{7}{8}$	15	$0\frac{5}{8}$	5	$3\frac{1}{4}$	16	$2\frac{3}{8}$	5	$7\frac{5}{8}$	17	$4\frac{1}{8}$
4	11	15	1	5	$3\frac{3}{8}$	16	$2\frac{3}{4}$-$\frac{1}{16}$	5	$7\frac{3}{4}$	17	$4\frac{1}{2}$
4	$11\frac{1}{8}$	15	$1\frac{3}{8}$	5	$3\frac{1}{2}$	16	$3\frac{1}{8}$-$\frac{1}{16}$	5	$7\frac{7}{8}$	17	$4\frac{7}{8}$
4	$11\frac{1}{4}$	15	$1\frac{3}{4}$-$\frac{1}{16}$	5	$3\frac{5}{8}$	16	$3\frac{1}{2}$-$\frac{1}{16}$	5	8	17	$5\frac{1}{4}$
4	$11\frac{3}{8}$	15	$2\frac{1}{8}$-$\frac{1}{16}$	5	$3\frac{3}{4}$	16	4	5	$8\frac{1}{8}$	17	$5\frac{5}{8}$-$\frac{1}{16}$
4	$11\frac{1}{2}$	15	$2\frac{1}{2}$-$\frac{1}{16}$	5	$3\frac{7}{8}$	16	$4\frac{3}{8}$	5	$8\frac{1}{4}$	17	$6\frac{1}{8}$
4	$11\frac{5}{8}$	15	3	5	4	16	$4\frac{3}{4}$	5	$8\frac{3}{8}$	17	$6\frac{1}{2}$
4	$11\frac{3}{4}$	15	$3\frac{3}{8}$	5	$4\frac{1}{8}$	16	$5\frac{1}{8}$	5	$8\frac{1}{2}$	17	$6\frac{7}{8}$
4	$11\frac{7}{8}$	15	$3\frac{3}{4}$-$\frac{1}{16}$	5	$4\frac{1}{4}$	16	$5\frac{1}{2}$	5	$8\frac{5}{8}$	17	$7\frac{1}{4}$
5	0	15	$4\frac{1}{8}$-$\frac{1}{16}$	5	$4\frac{3}{8}$	16	$5\frac{7}{8}$	5	$8\frac{3}{4}$	17	$7\frac{5}{8}$-$\frac{1}{16}$
5	$0\frac{1}{8}$	15	$4\frac{1}{2}$-$\frac{1}{16}$	5	$4\frac{1}{2}$	16	$6\frac{1}{4}$-$\frac{1}{16}$	5	$8\frac{7}{8}$	17	$8\frac{1}{8}$
5	$0\frac{1}{4}$	15	5	5	$4\frac{5}{8}$	16	$6\frac{5}{8}$-$\frac{1}{16}$	5	9	17	$8\frac{1}{2}$
5	$0\frac{3}{8}$	15	$5\frac{3}{8}$	5	$4\frac{3}{4}$	16	$7\frac{1}{8}$	5	$9\frac{1}{8}$	17	$8\frac{7}{8}$
5	$0\frac{1}{2}$	15	$5\frac{3}{4}$	5	$4\frac{7}{8}$	16	$7\frac{1}{2}$	5	$9\frac{1}{4}$	17	$9\frac{1}{4}$
5	$0\frac{5}{8}$	15	$6\frac{1}{8}$	5	5	16	$7\frac{7}{8}$	5	$9\frac{3}{8}$	17	$9\frac{3}{8}$
5	$0\frac{3}{4}$	15	$6\frac{1}{2}$	5	$5\frac{1}{8}$	16	$8\frac{1}{4}$-$\frac{1}{16}$	5	$9\frac{1}{2}$	17	10
5	$0\frac{7}{8}$	15	$6\frac{7}{8}$	5	$5\frac{1}{4}$	16	$8\frac{5}{8}$-$\frac{1}{16}$	5	$9\frac{5}{8}$	17	$10\frac{3}{8}$
5	1	15	$7\frac{1}{4}$-$\frac{1}{16}$	5	$5\frac{3}{8}$	16	$9\frac{1}{8}$	5	$9\frac{3}{4}$	17	$10\frac{3}{4}$-$\frac{1}{16}$
5	$1\frac{1}{8}$	15	$7\frac{5}{8}$-$\frac{1}{16}$	5	$5\frac{1}{2}$	16	$9\frac{1}{2}$	5	$9\frac{7}{8}$	17	$11\frac{1}{8}$-$\frac{1}{16}$
5	$1\frac{1}{4}$	15	$8\frac{1}{8}$	5	$5\frac{5}{8}$	16	$9\frac{7}{8}$	5	10	17	$11\frac{1}{2}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}$-$\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
5	$10\frac{1}{8}$	18	0	6	$2\frac{1}{2}$	19	$1\frac{5}{8}$-$\frac{1}{16}$	6	$6\frac{7}{8}$	20	$3\frac{1}{2}$
5	$10\frac{1}{4}$	18	$0\frac{3}{8}$	6	$2\frac{5}{8}$	19	$2\frac{1}{8}$	6	7	20	$3\frac{7}{8}$
5	$10\frac{3}{8}$	18	$0\frac{3}{4}$-$\frac{1}{16}$	6	$2\frac{3}{4}$	19	$2\frac{1}{2}$	6	$7\frac{1}{8}$	20	$4\frac{1}{4}$-$\frac{1}{16}$
5	$10\frac{1}{2}$	18	$1\frac{1}{8}$-$\frac{1}{16}$	6	$2\frac{7}{8}$	19	$2\frac{7}{8}$	6	$7\frac{1}{4}$	20	$4\frac{5}{8}$-$\frac{1}{16}$
5	$10\frac{5}{8}$	18	$1\frac{1}{2}$-$\frac{1}{16}$	6	3	19	$3\frac{1}{4}$-$\frac{1}{16}$	6	$7\frac{3}{8}$	20	$5\frac{1}{16}$
5	$10\frac{3}{4}$	18	$1\frac{7}{8}$-$\frac{1}{16}$	6	$3\frac{1}{8}$	19	$3\frac{5}{8}$-$\frac{1}{16}$	6	$7\frac{1}{2}$	20	$5\frac{3}{8}$-$\frac{1}{16}$
5	$10\frac{7}{8}$	18	$2\frac{1}{4}$-$\frac{1}{16}$	6	$3\frac{1}{4}$	19	$4\frac{1}{8}$	6	$7\frac{5}{8}$	20	$5\frac{3}{4}$-$\frac{1}{16}$
5	11	18	$2\frac{5}{8}$-$\frac{1}{16}$	6	$3\frac{3}{8}$	19	$4\frac{1}{2}$	6	$7\frac{3}{4}$	20	$6\frac{1}{8}$-$\frac{1}{16}$
5	$11\frac{1}{8}$	18	$3\frac{1}{8}$	6	$3\frac{1}{2}$	19	$4\frac{7}{8}$	6	$7\frac{7}{8}$	20	$6\frac{1}{2}$-$\frac{1}{16}$
5	$11\frac{1}{4}$	18	$3\frac{1}{2}$	6	$3\frac{5}{8}$	19	$5\frac{1}{4}$-$\frac{1}{16}$	6	8	20	7
5	$11\frac{3}{8}$	18	$3\frac{7}{8}$	6	$3\frac{3}{4}$	19	$5\frac{5}{8}$-$\frac{1}{16}$	6	$8\frac{1}{8}$	20	$7\frac{3}{8}$
5	$11\frac{1}{2}$	18	$4\frac{1}{4}$-$\frac{1}{16}$	6	$3\frac{7}{8}$	19	6-$\frac{1}{16}$	6	$8\frac{1}{4}$	20	$7\frac{3}{4}$-$\frac{1}{16}$
5	$11\frac{5}{8}$	18	$4\frac{5}{8}$-$\frac{1}{16}$	6	4	19	$6\frac{3}{8}$-$\frac{1}{16}$	6	$8\frac{3}{8}$	20	$8\frac{1}{8}$-$\frac{1}{16}$
5	$11\frac{3}{4}$	18	$5\frac{1}{8}$	6	$4\frac{1}{8}$	19	$6\frac{3}{4}$-$\frac{1}{16}$	6	$8\frac{1}{2}$	20	$8\frac{1}{2}$-$\frac{1}{16}$
5	$11\frac{7}{8}$	18	$5\frac{1}{2}$	6	$4\frac{1}{4}$	19	$7\frac{1}{8}$-$\frac{1}{16}$	6	$8\frac{5}{8}$	20	9
6	0	18	$5\frac{7}{8}$	6	$4\frac{3}{8}$	19	$7\frac{1}{2}$-$\frac{1}{16}$	6	$8\frac{3}{4}$	20	$9\frac{3}{8}$
6	$0\frac{1}{8}$	18	$6\frac{1}{4}$-$\frac{1}{16}$	6	$4\frac{1}{2}$	19	8	6	$8\frac{7}{8}$	20	$9\frac{3}{4}$
6	$0\frac{1}{4}$	18	$6\frac{5}{8}$-$\frac{1}{16}$	6	$4\frac{5}{8}$	19	$8\frac{3}{8}$	6	9	20	$10\frac{1}{8}$
6	$0\frac{3}{8}$	18	$7\frac{1}{16}$	6	$4\frac{3}{4}$	19	$8\frac{3}{4}$-$\frac{1}{16}$	6	$9\frac{1}{8}$	20	$10\frac{1}{2}$
6	$0\frac{1}{2}$	18	$7\frac{3}{8}$-$\frac{1}{16}$	6	$4\frac{7}{8}$	19	$9\frac{1}{8}$-$\frac{1}{16}$	6	$9\frac{1}{4}$	20	$10\frac{7}{8}$
6	$0\frac{5}{8}$	18	$7\frac{3}{4}$-$\frac{1}{16}$	6	5	19	$9\frac{1}{2}$-$\frac{1}{16}$	6	$9\frac{3}{4}$	20	$11\frac{1}{4}$-$\frac{1}{16}$
6	$0\frac{3}{4}$	18	$8\frac{1}{8}$-$\frac{1}{16}$	6	$5\frac{1}{8}$	19	10	6	$9\frac{1}{2}$	20	$11\frac{5}{8}$-$\frac{1}{16}$
6	$0\frac{7}{8}$	18	$8\frac{1}{2}$-$\frac{1}{16}$	6	$5\frac{1}{4}$	19	$10\frac{3}{8}$	6	$9\frac{5}{8}$	21	$0\frac{1}{8}$
6	1	18	9	6	$5\frac{3}{8}$	19	$10\frac{3}{4}$-$\frac{1}{16}$	6	$9\frac{3}{4}$	21	$0\frac{1}{2}$
6	$1\frac{1}{8}$	18	$9\frac{3}{8}$	6	$5\frac{1}{2}$	19	$11\frac{1}{8}$-$\frac{1}{16}$	6	$9\frac{7}{8}$	21	$0\frac{7}{8}$
6	$1\frac{1}{4}$	18	$9\frac{3}{4}$-$\frac{1}{16}$	6	$5\frac{5}{8}$	19	$11\frac{1}{2}$-$\frac{1}{16}$	6	10	21	$1\frac{1}{4}$-$\frac{1}{16}$
6	$1\frac{3}{8}$	18	$10\frac{1}{8}$-$\frac{1}{16}$	6	$5\frac{3}{4}$	19	$11\frac{7}{8}$-$\frac{1}{16}$	6	$10\frac{1}{8}$	21	$1\frac{5}{8}$-$\frac{1}{16}$
6	$1\frac{1}{2}$	18	$10\frac{1}{2}$-$\frac{1}{16}$	6	$5\frac{7}{8}$	20	$0\frac{1}{4}$-$\frac{1}{16}$	6	$10\frac{1}{4}$	21	$2\frac{1}{8}$
6	$1\frac{5}{8}$	18	11	6	6	20	$0\frac{5}{8}$-$\frac{1}{16}$	6	$10\frac{3}{8}$	21	$2\frac{1}{2}$
6	$1\frac{3}{4}$	18	$11\frac{3}{8}$	6	$6\frac{1}{8}$	20	$1\frac{1}{8}$	6	$10\frac{1}{2}$	21	$2\frac{7}{8}$
6	$1\frac{7}{8}$	18	$11\frac{3}{4}$-$\frac{1}{16}$	6	$6\frac{1}{4}$	20	$1\frac{1}{2}$	6	$10\frac{5}{8}$	21	$3\frac{1}{4}$
6	2	19	$0\frac{1}{8}$-$\frac{1}{16}$	6	$6\frac{3}{8}$	20	$1\frac{7}{8}$	6	$10\frac{3}{4}$	21	$3\frac{5}{8}$
6	$2\frac{1}{8}$	19	$0\frac{1}{2}$-$\frac{1}{16}$	6	$6\frac{1}{2}$	20	$2\frac{1}{4}$-$\frac{1}{16}$	6	$10\frac{7}{8}$	21	4
6	$2\frac{1}{4}$	19	$0\frac{7}{8}$-$\frac{1}{16}$	6	$6\frac{5}{8}$	20	$2\frac{5}{8}$-$\frac{1}{16}$	6	11	21	$4\frac{3}{8}$
6	$2\frac{3}{8}$	19	$1\frac{1}{4}$-$\frac{1}{16}$	6	$6\frac{3}{4}$	20	$3\frac{1}{8}$	6	$11\frac{1}{8}$	21	$4\frac{3}{4}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}$-$\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
6	$11\frac{1}{4}$	21	$5\frac{1}{8}$-$\frac{1}{16}$	7	$3\frac{5}{8}$	22	7	7	8	23	$8\frac{5}{8}$-$\frac{1}{16}$
6	$11\frac{3}{8}$	21	$5\frac{1}{2}$-$\frac{1}{16}$	7	$3\frac{3}{4}$	22	$7\frac{3}{8}$	7	$8\frac{1}{8}$	23	$9\frac{1}{16}$
6	$11\frac{1}{2}$	21	6	7	$3\frac{7}{8}$	22	$7\frac{3}{4}$	7	$8\frac{1}{4}$	23	$9\frac{1}{2}$
6	$11\frac{5}{8}$	21	$6\frac{3}{8}$	7	4	22	$8\frac{1}{8}$	7	$8\frac{3}{8}$	23	$9\frac{7}{8}$
6	$11\frac{3}{4}$	21	$6\frac{3}{4}$-$\frac{1}{16}$	7	$4\frac{1}{8}$	22	$8\frac{1}{2}$	7	$8\frac{1}{2}$	23	$10\frac{1}{4}$-$\frac{1}{16}$
6	$11\frac{7}{8}$	21	$7\frac{1}{8}$-$\frac{1}{16}$	7	$4\frac{1}{4}$	22	$8\frac{7}{8}$	7	$8\frac{5}{8}$	23	$10\frac{5}{8}$-$\frac{1}{16}$
7	0	21	$7\frac{1}{2}$-$\frac{1}{16}$	7	$4\frac{3}{8}$	22	$9\frac{1}{4}$-$\frac{1}{16}$	7	$8\frac{3}{4}$	23	$11\frac{1}{16}$
7	$0\frac{1}{8}$	21	8	7	$4\frac{1}{2}$	22	$9\frac{5}{8}$-$\frac{1}{16}$	7	$8\frac{5}{8}$	23	$11\frac{3}{8}$-$\frac{1}{16}$
7	$0\frac{1}{4}$	21	$8\frac{3}{8}$	7	$4\frac{5}{8}$	22	$10\frac{1}{8}$	7	9	23	$11\frac{3}{4}$-$\frac{1}{16}$
7	$0\frac{3}{8}$	21	$8\frac{3}{4}$	7	$4\frac{3}{4}$	22	$10\frac{1}{2}$	7	$9\frac{1}{8}$	24	$0\frac{1}{8}$-$\frac{1}{16}$
7	$0\frac{1}{2}$	21	$9\frac{1}{8}$	7	$4\frac{7}{8}$	22	$10\frac{7}{8}$	7	$9\frac{1}{4}$	24	$0\frac{1}{2}$-$\frac{1}{16}$
7	$0\frac{5}{8}$	21	$9\frac{1}{2}$	7	5	22	$11\frac{1}{4}$-$\frac{1}{16}$	7	$9\frac{3}{8}$	24	1
7	$0\frac{3}{4}$	21	$9\frac{7}{8}$	7	$5\frac{1}{8}$	22	$11\frac{5}{8}$-$\frac{1}{16}$	7	$9\frac{1}{2}$	24	$1\frac{3}{8}$
7	$0\frac{7}{8}$	21	$10\frac{1}{4}$-$\frac{1}{16}$	7	$5\frac{1}{4}$	23	$0\frac{1}{8}$	7	$9\frac{5}{8}$	24	$1\frac{3}{4}$-$\frac{1}{16}$
7	1	21	$10\frac{5}{8}$-$\frac{1}{16}$	7	$5\frac{3}{8}$	23	$0\frac{1}{2}$	7	$9\frac{3}{4}$	24	$2\frac{1}{8}$-$\frac{1}{16}$
7	$1\frac{1}{8}$	21	$11\frac{1}{8}$	7	$5\frac{1}{2}$	23	$0\frac{7}{8}$	7	$9\frac{7}{8}$	24	$2\frac{1}{2}$-$\frac{1}{16}$
7	$1\frac{1}{4}$	21	$11\frac{1}{2}$	7	$5\frac{5}{8}$	23	$1\frac{1}{4}$	7	10	24	3
7	$1\frac{3}{8}$	21	$11\frac{7}{8}$	7	$5\frac{3}{4}$	23	$1\frac{5}{8}$	7	$10\frac{1}{8}$	24	$3\frac{3}{8}$
7	$1\frac{1}{2}$	22	$0\frac{1}{4}$-$\frac{1}{16}$	7	$5\frac{7}{8}$	23	2	7	$10\frac{1}{4}$	24	$3\frac{3}{4}$-$\frac{1}{16}$
7	$1\frac{5}{8}$	22	$0\frac{5}{8}$-$\frac{1}{16}$	7	6	23	$2\frac{3}{8}$	7	$10\frac{3}{8}$	24	$4\frac{1}{8}$-$\frac{1}{16}$
7	$1\frac{3}{4}$	22	$1\frac{1}{8}$	7	$6\frac{1}{8}$	23	$2\frac{3}{4}$-$\frac{1}{16}$	7	$10\frac{1}{2}$	24	$4\frac{1}{2}$-$\frac{1}{16}$
7	$1\frac{7}{8}$	22	$1\frac{1}{2}$	7	$6\frac{1}{4}$	23	$3\frac{1}{8}$-$\frac{1}{16}$	7	$10\frac{5}{8}$	24	5
7	2	22	$1\frac{7}{8}$	7	$6\frac{3}{8}$	23	$3\frac{1}{2}$-$\frac{1}{16}$	7	$10\frac{3}{4}$	24	$5\frac{3}{8}$
7	$2\frac{1}{8}$	22	$2\frac{1}{4}$	7	$6\frac{1}{2}$	23	4	7	$10\frac{7}{8}$	24	$5\frac{3}{4}$
7	$2\frac{1}{4}$	22	$2\frac{5}{8}$	7	$6\frac{5}{8}$	23	$4\frac{3}{8}$	7	11	24	$6\frac{1}{8}$
7	$2\frac{3}{8}$	22	3	7	$6\frac{3}{4}$	23	$4\frac{3}{4}$-$\frac{1}{16}$	7	$11\frac{1}{8}$	24	$6\frac{1}{2}$
7	$2\frac{1}{2}$	22	$3\frac{3}{8}$	7	$6\frac{7}{8}$	23	$5\frac{1}{8}$-$\frac{1}{16}$	7	$11\frac{1}{4}$	24	$6\frac{7}{8}$
7	$2\frac{5}{8}$	22	$3\frac{3}{4}$-$\frac{1}{16}$	7	7	23	$5\frac{1}{2}$-$\frac{1}{16}$	7	$11\frac{3}{8}$	24	$7\frac{1}{4}$-$\frac{1}{16}$
7	$2\frac{3}{4}$	22	$4\frac{1}{8}$-$\frac{1}{16}$	7	$7\frac{1}{8}$	23	6	7	$11\frac{1}{2}$	24	$7\frac{7}{8}$-$\frac{1}{16}$
7	$2\frac{7}{8}$	22	$4\frac{1}{2}$-$\frac{1}{16}$	7	$7\frac{1}{4}$	23	$6\frac{3}{8}$	7	$11\frac{5}{8}$	24	$8\frac{1}{8}$
7	3	22	5	7	$7\frac{3}{8}$	23	$6\frac{3}{4}$	7	$11\frac{3}{4}$	24	$8\frac{1}{2}$
7	$3\frac{1}{8}$	22	$5\frac{3}{8}$	7	$7\frac{1}{2}$	23	$7\frac{1}{8}$	7	$11\frac{7}{8}$	24	$8\frac{7}{8}$
7	$3\frac{1}{4}$	22	$5\frac{3}{4}$-$\frac{1}{16}$	7	$7\frac{5}{8}$	23	$7\frac{1}{2}$	8	0	24	$9\frac{1}{4}$-$\frac{1}{16}$
7	$3\frac{3}{8}$	22	$6\frac{1}{8}$-$\frac{1}{16}$	7	$7\frac{3}{4}$	23	$7\frac{7}{8}$	8	$0\frac{1}{8}$	24	$9\frac{5}{8}$-$\frac{1}{16}$
7	$3\frac{1}{2}$	22	$6\frac{1}{2}$-$\frac{1}{16}$	7	$7\frac{7}{8}$	23	$8\frac{1}{4}$-$\frac{1}{16}$	8	$0\frac{1}{4}$	24	$10\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{5}{8}$-$\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
8	$0\frac{3}{8}$	24	$10\frac{3}{8}$-$\frac{1}{16}$	8	$4\frac{3}{8}$	25	11	8	$8\frac{3}{8}$	26	$11\frac{1}{2}$-$\frac{1}{16}$
8	$0\frac{1}{2}$	24	$10\frac{3}{4}$-$\frac{1}{16}$	8	$4\frac{1}{2}$	25	$11\frac{3}{8}$	8	$8\frac{1}{2}$	26	$11\frac{7}{8}$-$\frac{1}{16}$
8	$0\frac{5}{8}$	24	$11\frac{1}{8}$-$\frac{1}{16}$	8	$4\frac{5}{8}$	25	$11\frac{3}{4}$-$\frac{1}{16}$	8	$8\frac{5}{8}$	27	$0\frac{1}{4}$-$\frac{1}{16}$
8	$0\frac{3}{4}$	24	$11\frac{1}{2}$-$\frac{1}{16}$	8	$4\frac{3}{4}$	26	$0\frac{1}{8}$-$\frac{1}{16}$	8	$8\frac{3}{4}$	27	$0\frac{3}{8}$-$\frac{1}{16}$
8	$0\frac{7}{8}$	25	0	8	$4\frac{7}{8}$	26	$0\frac{1}{2}$-$\frac{1}{16}$	8	$8\frac{7}{8}$	27	$1\frac{1}{16}$
8	1	25	$0\frac{3}{8}$	8	5	26	1	8	9	27	$1\frac{1}{2}$
8	$1\frac{1}{8}$	25	$0\frac{3}{4}$-$\frac{1}{16}$	8	$5\frac{1}{8}$	26	$1\frac{3}{8}$	8	$9\frac{1}{8}$	27	$1\frac{7}{8}$-$\frac{1}{16}$
8	$1\frac{1}{4}$	25	$1\frac{1}{8}$-$\frac{1}{16}$	8	$5\frac{1}{4}$	26	$1\frac{3}{4}$-$\frac{1}{16}$	8	$9\frac{1}{4}$	27	$2\frac{1}{4}$-$\frac{1}{16}$
8	$1\frac{3}{8}$	25	$1\frac{1}{2}$-$\frac{1}{16}$	8	$5\frac{3}{8}$	26	$2\frac{1}{8}$-$\frac{1}{16}$	8	$9\frac{3}{8}$	27	$2\frac{5}{8}$-$\frac{1}{16}$
8	$1\frac{1}{2}$	25	2	8	$5\frac{1}{2}$	26	$2\frac{1}{2}$-$\frac{1}{16}$	8	$9\frac{1}{2}$	27	$3\frac{1}{16}$
8	$1\frac{5}{8}$	25	$2\frac{3}{8}$	8	$5\frac{5}{8}$	26	$2\frac{7}{8}$-$\frac{1}{16}$	8	$9\frac{5}{8}$	27	$3\frac{1}{2}$
8	$1\frac{3}{4}$	25	$2\frac{3}{4}$-$\frac{1}{16}$	8	$5\frac{3}{4}$	26	$3\frac{1}{4}$-$\frac{1}{16}$	8	$9\frac{3}{4}$	27	$3\frac{7}{8}$
8	$1\frac{7}{8}$	25	$3\frac{1}{8}$-$\frac{1}{16}$	8	$5\frac{7}{8}$	26	$3\frac{5}{8}$-$\frac{1}{16}$	8	$9\frac{7}{8}$	27	$4\frac{1}{4}$
8	2	25	$3\frac{1}{2}$-$\frac{1}{16}$	8	6	26	$4\frac{1}{8}$	8	10	27	$4\frac{5}{8}$-$\frac{1}{16}$
8	$2\frac{1}{8}$	25	$3\frac{7}{8}$-$\frac{1}{16}$	8	$6\frac{1}{8}$	26	$4\frac{1}{2}$	8	$10\frac{1}{8}$	27	$5\frac{1}{16}$
8	$2\frac{1}{4}$	25	$4\frac{1}{4}$-$\frac{1}{16}$	8	$6\frac{1}{4}$	26	$4\frac{7}{8}$	8	$10\frac{1}{4}$	27	$5\frac{3}{8}$-$\frac{1}{16}$
8	$2\frac{3}{8}$	25	$4\frac{5}{8}$-$\frac{1}{16}$	8	$6\frac{3}{8}$	26	$5\frac{1}{4}$-$\frac{1}{16}$	8	$10\frac{3}{8}$	27	$5\frac{3}{4}$-$\frac{1}{16}$
8	$2\frac{1}{2}$	25	$5\frac{1}{8}$	8	$6\frac{1}{2}$	26	$5\frac{5}{8}$-$\frac{1}{16}$	8	$10\frac{1}{2}$	27	$6\frac{1}{4}$
8	$2\frac{5}{8}$	25	$5\frac{1}{2}$	8	$6\frac{5}{8}$	26	$6\frac{1}{16}$	8	$10\frac{5}{8}$	27	$6\frac{5}{8}$
8	$2\frac{3}{4}$	25	$5\frac{7}{8}$	8	$6\frac{3}{4}$	26	$6\frac{3}{8}$-$\frac{1}{16}$	8	$10\frac{3}{4}$	27	7
8	$2\frac{7}{8}$	25	$6\frac{1}{4}$-$\frac{1}{16}$	8	$6\frac{7}{8}$	26	$6\frac{3}{4}$-$\frac{1}{16}$	8	$10\frac{7}{8}$	27	$7\frac{3}{8}$-$\frac{1}{16}$
8	3	25	$6\frac{5}{8}$-$\frac{1}{16}$	8	7	26	$7\frac{1}{4}$	8	11	27	$7\frac{3}{4}$-$\frac{1}{16}$
8	$3\frac{1}{8}$	25	$7\frac{1}{8}$	8	$7\frac{1}{8}$	26	$7\frac{5}{8}$	8	$11\frac{1}{8}$	27	$8\frac{1}{8}$-$\frac{1}{16}$
8	$3\frac{1}{4}$	25	$7\frac{1}{2}$	8	$7\frac{1}{4}$	26	8	8	$11\frac{1}{4}$	27	$8\frac{1}{2}$-$\frac{1}{16}$
8	$3\frac{3}{8}$	25	$7\frac{7}{8}$	8	$7\frac{3}{8}$	26	$8\frac{3}{8}$-$\frac{1}{16}$	8	$11\frac{3}{8}$	27	9
8	$3\frac{1}{2}$	25	$8\frac{1}{4}$-$\frac{1}{16}$	8	$7\frac{1}{2}$	26	$8\frac{3}{4}$-$\frac{1}{16}$	8	$11\frac{1}{2}$	27	$9\frac{3}{8}$
8	$3\frac{5}{8}$	25	$8\frac{5}{8}$-$\frac{1}{16}$	8	$7\frac{5}{8}$	26	$9\frac{1}{8}$-$\frac{1}{16}$	8	$11\frac{5}{8}$	27	$9\frac{3}{4}$
8	$3\frac{3}{4}$	25	$9\frac{1}{16}$	8	$7\frac{3}{4}$	26	$9\frac{1}{2}$-$\frac{1}{16}$	8	$11\frac{3}{4}$	27	$10\frac{1}{8}$
8	$3\frac{7}{8}$	25	$9\frac{3}{8}$-$\frac{1}{16}$	8	$7\frac{7}{8}$	26	10	8	$11\frac{7}{8}$	27	$10\frac{1}{2}$
8	4	25	$9\frac{3}{4}$-$\frac{1}{16}$	8	8	26	$10\frac{3}{8}$	9	0	27	$10\frac{7}{8}$-$\frac{1}{1}$
8	$4\frac{1}{8}$	25	$10\frac{1}{8}$-$\frac{1}{16}$	8	$8\frac{1}{8}$	26	$10\frac{3}{4}$				
8	$4\frac{1}{4}$	25	$10\frac{1}{2}$-$\frac{1}{16}$	8	$8\frac{1}{4}$	26	$11\frac{1}{8}$-$\frac{1}{16}$				

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	0	2	$8\frac{7}{8}$-$\frac{1}{16}$	1	$4\frac{3}{8}$	3	$10\frac{7}{8}$-$\frac{1}{16}$	1	$8\frac{3}{4}$	5	$0\frac{3}{8}$-$\frac{1}{16}$
1	$0\frac{1}{8}$	2	$9\frac{1}{4}$-$\frac{1}{16}$	1	$4\frac{1}{2}$	3	$11\frac{1}{16}$	1	$8\frac{7}{8}$	5	$0\frac{3}{4}$-$\frac{1}{16}$
1	$0\frac{1}{4}$	2	$9\frac{3}{4}$	1	$4\frac{5}{8}$	3	$11\frac{1}{2}$	1	9	5	$1\frac{1}{4}$
1	$0\frac{3}{8}$	2	$10\frac{1}{8}$	1	$4\frac{3}{4}$	3	$11\frac{7}{8}$	1	$9\frac{1}{8}$	5	$1\frac{5}{8}$
1	$0\frac{1}{2}$	2	$10\frac{1}{2}$-$\frac{1}{16}$	1	$4\frac{7}{8}$	4	$0\frac{1}{4}$	1	$9\frac{1}{4}$	5	2
1	$0\frac{5}{8}$	2	$10\frac{7}{8}$-$\frac{1}{16}$	1	5	4	$0\frac{3}{8}$-$\frac{1}{16}$	1	$9\frac{3}{8}$	5	$2\frac{3}{8}$-$\frac{1}{16}$
1	$0\frac{3}{4}$	2	$11\frac{1}{4}$-$\frac{1}{16}$	1	$5\frac{1}{8}$	4	$1\frac{1}{16}$	1	$9\frac{1}{2}$	5	$2\frac{3}{4}$-$\frac{1}{16}$
1	$0\frac{7}{8}$	2	$11\frac{5}{8}$-$\frac{1}{16}$	1	$5\frac{1}{4}$	4	$1\frac{3}{8}$-$\frac{1}{16}$	1	$9\frac{5}{8}$	5	$3\frac{1}{8}$-$\frac{1}{16}$
1	1	3	$0\frac{1}{16}$	1	$5\frac{3}{8}$	4	$1\frac{3}{4}$-$\frac{1}{16}$	1	$9\frac{3}{4}$	5	$3\frac{1}{2}$-$\frac{1}{16}$
1	$1\frac{1}{8}$	3	$0\frac{1}{2}$	1	$5\frac{1}{2}$	4	$2\frac{1}{4}$	1	$9\frac{7}{8}$	5	4
1	$1\frac{1}{4}$	3	$0\frac{7}{8}$	1	$5\frac{5}{8}$	4	$2\frac{5}{8}$	1	10	5	$4\frac{3}{8}$
1	$1\frac{3}{8}$	3	$1\frac{1}{4}$-$\frac{1}{16}$	1	$5\frac{3}{4}$	4	$3\frac{1}{16}$	1	$10\frac{1}{8}$	5	$4\frac{3}{4}$
1	$1\frac{1}{2}$	3	$1\frac{5}{8}$-$\frac{1}{16}$	1	$5\frac{7}{8}$	4	$3\frac{3}{8}$-$\frac{1}{16}$	1	$10\frac{1}{4}$	5	$5\frac{1}{8}$-$\frac{1}{16}$
1	$1\frac{5}{8}$	3	$2\frac{1}{16}$	1	6	4	$3\frac{3}{4}$-$\frac{1}{16}$	1	$10\frac{3}{8}$	5	$5\frac{1}{2}$-$\frac{1}{16}$
1	$1\frac{3}{4}$	3	$2\frac{3}{8}$-$\frac{1}{16}$	1	$6\frac{1}{8}$	4	$4\frac{1}{8}$-$\frac{1}{16}$	1	$10\frac{1}{2}$	5	$5\frac{7}{8}$-$\frac{1}{16}$
1	$1\frac{7}{8}$	3	$2\frac{3}{4}$-$\frac{1}{16}$	1	$6\frac{1}{4}$	4	$4\frac{1}{2}$-$\frac{1}{16}$	1	$10\frac{5}{8}$	5	$6\frac{1}{4}$-$\frac{1}{16}$
1	2	3	$3\frac{1}{4}$	1	$6\frac{3}{8}$	4	5	1	$10\frac{3}{4}$	5	$6\frac{3}{4}$
1	$2\frac{1}{8}$	3	$3\frac{5}{8}$	1	$6\frac{1}{2}$	4	$5\frac{3}{8}$	1	$10\frac{7}{8}$	5	$7\frac{1}{8}$
1	$2\frac{1}{4}$	3	$4\frac{1}{16}$	1	$6\frac{5}{8}$	4	$5\frac{3}{4}$-$\frac{1}{16}$	1	11	5	$7\frac{1}{2}$
1	$2\frac{3}{8}$	3	$4\frac{3}{8}$-$\frac{1}{16}$	1	$6\frac{3}{4}$	4	$6\frac{1}{8}$-$\frac{1}{16}$	1	$11\frac{1}{8}$	5	$7\frac{7}{8}$
1	$2\frac{1}{2}$	3	$4\frac{3}{4}$-$\frac{1}{16}$	1	$6\frac{7}{8}$	4	$6\frac{1}{2}$-$\frac{1}{16}$	1	$11\frac{1}{4}$	5	$8\frac{1}{4}$-$\frac{1}{16}$
1	$2\frac{5}{8}$	3	$5\frac{1}{8}$-$\frac{1}{16}$	1	7	4	$6\frac{7}{8}$-$\frac{1}{16}$	1	$11\frac{3}{8}$	5	$8\frac{3}{8}$-$\frac{1}{16}$
1	$2\frac{3}{4}$	3	$5\frac{1}{2}$-$\frac{1}{16}$	1	$7\frac{1}{8}$	4	$7\frac{1}{4}$-$\frac{1}{16}$	1	$11\frac{1}{2}$	5	$9\frac{1}{16}$
1	$2\frac{7}{8}$	3	6	1	$7\frac{1}{4}$	4	$7\frac{3}{4}$	1	$11\frac{5}{8}$	5	$9\frac{1}{2}$
1	3	3	$6\frac{3}{8}$	1	$7\frac{3}{8}$	4	$8\frac{1}{8}$	1	$11\frac{3}{4}$	5	$9\frac{7}{8}$
1	$3\frac{1}{8}$	3	$6\frac{3}{4}$-$\frac{1}{16}$	1	$7\frac{1}{2}$	4	$8\frac{1}{2}$	1	$11\frac{7}{8}$	5	$10\frac{1}{4}$
1	$3\frac{1}{4}$	3	$7\frac{1}{8}$-$\frac{1}{16}$	1	$7\frac{5}{8}$	4	$8\frac{7}{8}$-$\frac{1}{16}$	2	0	5	$10\frac{5}{8}$
1	$3\frac{3}{8}$	3	$7\frac{1}{2}$-$\frac{1}{16}$	1	$7\frac{3}{4}$	4	$9\frac{1}{4}$-$\frac{1}{16}$	2	$0\frac{1}{8}$	5	$11\frac{1}{16}$
1	$3\frac{1}{2}$	3	$7\frac{7}{8}$-$\frac{1}{16}$	1	$7\frac{7}{8}$	4	$9\frac{5}{8}$-$\frac{1}{16}$	2	$0\frac{1}{4}$	5	$11\frac{3}{8}$-$\frac{1}{16}$
1	$3\frac{5}{8}$	3	$8\frac{1}{4}$-$\frac{1}{16}$	1	8	4	$10\frac{1}{16}$	2	$0\frac{3}{8}$	5	$11\frac{3}{4}$-$\frac{1}{16}$
1	$3\frac{3}{4}$	3	$8\frac{3}{4}$	1	$8\frac{1}{8}$	4	$10\frac{1}{2}$	2	$0\frac{1}{2}$	6	$0\frac{1}{4}$
1	$3\frac{7}{8}$	3	$9\frac{1}{8}$	1	$8\frac{1}{4}$	4	$10\frac{7}{8}$	2	$0\frac{5}{8}$	6	$0\frac{5}{8}$
1	4	3	$9\frac{1}{2}$-$\frac{1}{16}$	1	$8\frac{3}{8}$	4	$11\frac{1}{4}$	2	$0\frac{3}{4}$	6	1
1	$4\frac{1}{8}$	3	$9\frac{7}{8}$-$\frac{1}{16}$	1	$8\frac{1}{2}$	4	$11\frac{5}{8}$-$\frac{1}{16}$	2	$0\frac{7}{8}$	6	$1\frac{3}{8}$
1	$4\frac{1}{4}$	3	$10\frac{1}{4}$-$\frac{1}{16}$	1	$8\frac{5}{8}$	5	$0\frac{1}{16}$	2	1	6	$1\frac{3}{4}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
2	$1\frac{1}{8}$	6	$2\frac{1}{8}-\frac{1}{16}$	2	$5\frac{1}{2}$	7	$3\frac{7}{8}-\frac{1}{16}$	2	$9\frac{7}{8}$	8	$5\frac{5}{8}-\frac{1}{16}$
2	$1\frac{1}{4}$	6	$2\frac{1}{2}-\frac{1}{16}$	2	$5\frac{5}{8}$	7	$4\frac{1}{4}-\frac{1}{16}$	2	10	8	$6\frac{1}{16}$
2	$1\frac{3}{8}$	6	3	2	$5\frac{3}{4}$	7	$4\frac{3}{4}$	2	$10\frac{1}{8}$	8	$6\frac{1}{2}$
2	$1\frac{1}{2}$	6	$3\frac{3}{8}$	2	$5\frac{7}{8}$	7	$5\frac{1}{8}$	2	$10\frac{1}{4}$	8	$6\frac{7}{8}$
2	$1\frac{5}{8}$	6	$3\frac{3}{4}$	2	6	7	$5\frac{1}{2}$	2	$10\frac{3}{8}$	8	$7\frac{1}{4}-\frac{1}{16}$
2	$1\frac{3}{4}$	6	$4\frac{1}{8}$	2	$6\frac{1}{8}$	7	$5\frac{7}{8}$	2	$10\frac{1}{2}$	8	$7\frac{3}{8}-\frac{1}{16}$
2	$1\frac{7}{8}$	6	$4\frac{1}{2}-\frac{1}{16}$	2	$6\frac{1}{4}$	7	$6\frac{1}{4}-\frac{1}{16}$	2	$10\frac{5}{8}$	8	$8\frac{1}{16}$
2	2	6	$4\frac{7}{8}-\frac{1}{16}$	2	$6\frac{3}{8}$	7	$6\frac{5}{8}-\frac{1}{16}$	2	$10\frac{3}{4}$	8	$8\frac{1}{2}$
2	$2\frac{1}{8}$	6	$5\frac{1}{4}-\frac{1}{16}$	2	$6\frac{1}{2}$	7	$7\frac{1}{16}$	2	$10\frac{7}{8}$	8	$8\frac{7}{8}$
2	$2\frac{1}{4}$	6	$5\frac{3}{4}$	2	$6\frac{5}{8}$	7	$7\frac{3}{8}-\frac{1}{16}$	2	11	8	$9\frac{1}{4}$
2	$2\frac{3}{8}$	6	$6\frac{1}{8}$	2	$6\frac{3}{4}$	7	$7\frac{7}{8}$	2	$11\frac{1}{8}$	8	$9\frac{5}{8}$
2	$2\frac{1}{2}$	6	$6\frac{1}{2}$	2	$6\frac{7}{8}$	7	$8\frac{1}{4}$	2	$11\frac{1}{4}$	8	10
2	$2\frac{5}{8}$	6	$6\frac{7}{8}-\frac{1}{16}$	2	7	7	$8\frac{5}{8}$	2	$11\frac{3}{8}$	8	$10\frac{3}{8}$
2	$2\frac{3}{4}$	6	$7\frac{1}{4}-\frac{1}{16}$	2	$7\frac{1}{8}$	7	$9\frac{1}{16}$	2	$11\frac{1}{2}$	8	$10\frac{3}{4}-\frac{1}{16}$
2	$2\frac{7}{8}$	6	$7\frac{3}{4}$	2	$7\frac{1}{4}$	7	$9\frac{3}{8}-\frac{1}{16}$	2	$11\frac{5}{8}$	8	$11\frac{1}{8}-\frac{1}{16}$
2	3	6	$8\frac{1}{8}$	2	$7\frac{3}{8}$	7	$9\frac{3}{4}-\frac{1}{16}$	2	$11\frac{3}{4}$	8	$11\frac{5}{8}$
2	$3\frac{1}{8}$	6	$8\frac{1}{2}$	2	$7\frac{1}{2}$	7	$10\frac{1}{4}$	2	$11\frac{7}{8}$	9	0
2	$3\frac{1}{4}$	6	$8\frac{7}{8}$	2	$7\frac{5}{8}$	7	$10\frac{5}{8}$	3	0	9	$0\frac{3}{8}$
2	$3\frac{3}{8}$	6	$9\frac{1}{4}$	2	$7\frac{3}{4}$	7	11	3	$0\frac{1}{8}$	9	$0\frac{3}{4}-\frac{1}{16}$
2	$3\frac{1}{2}$	6	$9\frac{5}{8}-\frac{1}{16}$	2	$7\frac{7}{8}$	7	$11\frac{3}{8}$	3	$0\frac{1}{4}$	9	$1\frac{1}{8}-\frac{1}{16}$
2	$3\frac{5}{8}$	6	$10\frac{1}{16}$	2	8	7	$11\frac{3}{4}-\frac{1}{16}$	3	$0\frac{3}{8}$	9	$1\frac{5}{8}$
2	$3\frac{3}{4}$	6	$10\frac{3}{8}-\frac{1}{16}$	2	$8\frac{1}{8}$	8	$0\frac{1}{8}-\frac{1}{16}$	3	$0\frac{1}{2}$	9	2
2	$3\frac{7}{8}$	6	$10\frac{3}{4}-\frac{1}{16}$	2	$8\frac{1}{4}$	8	$0\frac{1}{2}-\frac{1}{16}$	3	$0\frac{5}{8}$	9	$2\frac{3}{8}$
2	4	6	$11\frac{1}{4}$	2	$8\frac{3}{8}$	8	1	3	$0\frac{3}{4}$	9	$2\frac{3}{4}$
2	$4\frac{1}{8}$	6	$11\frac{5}{8}$	2	$8\frac{1}{2}$	8	$1\frac{3}{8}$	3	$0\frac{7}{8}$	9	$3\frac{1}{8}$
2	$4\frac{1}{4}$	7	0	2	$8\frac{5}{8}$	8	$1\frac{3}{4}-\frac{1}{16}$	3	1	9	$3\frac{1}{2}$
2	$4\frac{3}{8}$	7	$0\frac{3}{8}-\frac{1}{16}$	2	$8\frac{3}{4}$	8	$2\frac{1}{8}-\frac{1}{16}$	3	$1\frac{1}{8}$	9	$3\frac{7}{8}$
2	$4\frac{1}{2}$	7	$0\frac{3}{4}-\frac{1}{16}$	2	$8\frac{7}{8}$	8	$2\frac{1}{2}-\frac{1}{16}$	3	$1\frac{1}{4}$	9	$4\frac{1}{4}-\frac{1}{16}$
2	$4\frac{5}{8}$	7	$1\frac{1}{8}-\frac{1}{16}$	2	9	8	3	3	$1\frac{3}{8}$	9	$4\frac{5}{8}-\frac{1}{16}$
2	$4\frac{3}{4}$	7	$1\frac{1}{2}-\frac{1}{16}$	2	$9\frac{1}{8}$	8	$3\frac{3}{8}$	3	$1\frac{1}{2}$	9	$5\frac{1}{16}$
2	$4\frac{7}{8}$	7	2	2	$9\frac{1}{4}$	8	$3\frac{3}{4}$	3	$1\frac{5}{8}$	9	$5\frac{1}{2}$
2	5	7	$2\frac{3}{8}$	2	$9\frac{3}{8}$	8	$4\frac{1}{8}$	3	$1\frac{3}{4}$	9	$5\frac{7}{8}$
2	$5\frac{1}{8}$	7	$2\frac{3}{4}$	2	$9\frac{1}{2}$	8	$4\frac{1}{2}$	3	$1\frac{7}{8}$	9	$6\frac{1}{4}-\frac{1}{16}$
2	$5\frac{1}{4}$	7	$3\frac{1}{8}$	2	$9\frac{5}{8}$	8	$4\frac{7}{8}$	3	2	9	$6\frac{5}{8}-\frac{1}{16}$
2	$5\frac{3}{8}$	7	$3\frac{1}{2}-\frac{1}{16}$	2	$9\frac{3}{4}$	8	$5\frac{1}{4}-\frac{1}{16}$	3	$2\frac{1}{8}$	9	$7\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	$2\frac{1}{4}$	9	$7\frac{3}{8}-\frac{1}{16}$	3	$6\frac{5}{8}$	10	$9\frac{1}{8}-\frac{1}{16}$	3	11	11	$10\frac{7}{8}-\frac{1}{16}$
3	$2\frac{3}{8}$	9	$7\frac{3}{4}-\frac{1}{16}$	3	$6\frac{3}{4}$	10	$9\frac{5}{8}$	3	$11\frac{1}{8}$	11	$11\frac{1}{4}-\frac{1}{16}$
3	$2\frac{1}{2}$	9	$8\frac{1}{8}-\frac{1}{16}$	3	$6\frac{7}{8}$	10	10	3	$11\frac{1}{4}$	11	$11\frac{5}{8}-\frac{1}{16}$
3	$2\frac{5}{8}$	9	$8\frac{1}{2}-\frac{1}{16}$	3	7	10	$10\frac{3}{8}$	3	$11\frac{3}{8}$	12	$0\frac{1}{16}$
3	$2\frac{3}{4}$	9	9	3	$7\frac{1}{8}$	10	$10\frac{3}{4}-\frac{1}{16}$	3	$11\frac{1}{2}$	12	$0\frac{1}{2}$
3	$2\frac{7}{8}$	9	$9\frac{3}{8}$	3	$7\frac{1}{4}$	10	$11\frac{1}{8}-\frac{1}{16}$	3	$11\frac{5}{8}$	12	$0\frac{7}{8}$
3	3	9	$9\frac{3}{4}-\frac{1}{16}$	3	$7\frac{3}{8}$	10	$11\frac{1}{2}-\frac{1}{16}$	3	$11\frac{3}{4}$	12	$1\frac{1}{4}-\frac{1}{16}$
3	$3\frac{1}{8}$	9	$10\frac{1}{8}-\frac{1}{16}$	3	$7\frac{1}{2}$	10	$11\frac{7}{8}-\frac{1}{16}$	3	$11\frac{7}{8}$	12	$1\frac{5}{8}-\frac{1}{16}$
3	$3\frac{1}{4}$	9	$10\frac{1}{2}-\frac{1}{16}$	3	$7\frac{5}{8}$	11	$0\frac{1}{4}-\frac{1}{16}$	4	0	12	$2\frac{1}{16}$
3	$3\frac{3}{8}$	9	11	3	$7\frac{3}{4}$	11	$0\frac{5}{8}-\frac{1}{16}$	4	$0\frac{1}{8}$	12	$2\frac{1}{2}$
3	$3\frac{1}{2}$	9	$11\frac{3}{8}$	3	$7\frac{7}{8}$	11	$1\frac{1}{16}$	4	$0\frac{1}{4}$	12	$2\frac{7}{8}$
3	$3\frac{5}{8}$	9	$11\frac{3}{4}-\frac{1}{16}$	3	8	11	$1\frac{1}{2}$	4	$0\frac{3}{8}$	12	$3\frac{1}{4}-\frac{1}{16}$
3	$3\frac{3}{4}$	10	$0\frac{1}{8}-\frac{1}{16}$	3	$8\frac{1}{8}$	11	$1\frac{7}{8}$	4	$0\frac{1}{2}$	12	$3\frac{5}{8}-\frac{1}{16}$
3	$3\frac{7}{8}$	10	$0\frac{1}{2}-\frac{1}{16}$	3	$8\frac{1}{4}$	11	$2\frac{1}{4}-\frac{1}{16}$	4	$0\frac{5}{8}$	12	$4\frac{1}{16}$
3	4	10	1	3	$8\frac{3}{8}$	11	$2\frac{5}{8}-\frac{1}{16}$	4	$0\frac{3}{4}$	12	$4\frac{3}{8}-\frac{1}{16}$
3	$4\frac{1}{8}$	10	$1\frac{3}{8}$	3	$8\frac{1}{2}$	11	$3\frac{1}{16}$	4	$0\frac{7}{8}$	12	$4\frac{3}{4}-\frac{1}{16}$
3	$4\frac{1}{4}$	10	$1\frac{3}{4}$	3	$8\frac{5}{8}$	11	$3\frac{1}{2}$	4	1	12	$5\frac{1}{8}-\frac{1}{16}$
3	$4\frac{3}{8}$	10	$2\frac{1}{8}$	3	$8\frac{3}{4}$	11	$3\frac{7}{8}$	4	$1\frac{1}{8}$	12	$5\frac{1}{2}-\frac{1}{16}$
3	$4\frac{1}{2}$	10	$2\frac{1}{2}$	3	$8\frac{7}{8}$	11	$4\frac{1}{4}-\frac{1}{16}$	4	$1\frac{1}{4}$	12	6
3	$4\frac{5}{8}$	10	$2\frac{7}{8}$	3	9	11	$4\frac{5}{8}-\frac{1}{16}$	4	$1\frac{3}{8}$	12	$6\frac{3}{8}$
3	$4\frac{3}{4}$	10	$3\frac{1}{4}-\frac{1}{16}$	3	$9\frac{1}{8}$	11	$5\frac{1}{16}$	4	$1\frac{1}{2}$	12	$6\frac{3}{4}-\frac{1}{16}$
3	$4\frac{7}{8}$	10	$3\frac{5}{8}-\frac{1}{16}$	3	$9\frac{1}{4}$	11	$5\frac{3}{8}-\frac{1}{16}$	4	$1\frac{5}{8}$	12	$7\frac{1}{8}-\frac{1}{16}$
3	5	10	$4\frac{1}{8}$	3	$9\frac{3}{8}$	11	$5\frac{3}{4}-\frac{1}{16}$	4	$1\frac{3}{4}$	12	$7\frac{1}{2}-\frac{1}{16}$
3	$5\frac{1}{8}$	10	$4\frac{1}{2}$	3	$9\frac{1}{2}$	11	$6\frac{1}{8}-\frac{1}{16}$	4	$1\frac{7}{8}$	12	8
3	$5\frac{1}{4}$	10	$4\frac{7}{8}$	3	$9\frac{5}{8}$	11	$6\frac{1}{2}-\frac{1}{16}$	4	2	12	$8\frac{3}{8}$
3	$5\frac{3}{8}$	10	$5\frac{1}{4}-\frac{1}{16}$	3	$9\frac{3}{4}$	11	7	4	$2\frac{1}{8}$	12	$8\frac{3}{4}-\frac{1}{16}$
3	$5\frac{1}{2}$	10	$5\frac{5}{8}-\frac{1}{16}$	3	$9\frac{7}{8}$	11	$7\frac{3}{8}$	4	$2\frac{1}{4}$	12	$9\frac{1}{8}-\frac{1}{16}$
3	$5\frac{5}{8}$	10	$6\frac{1}{16}$	3	10	11	$7\frac{3}{4}-\frac{1}{16}$	4	$2\frac{3}{8}$	12	$9\frac{1}{2}-\frac{1}{16}$
3	$5\frac{3}{4}$	10	$6\frac{3}{8}-\frac{1}{16}$	3	$10\frac{1}{8}$	11	$8\frac{1}{8}-\frac{1}{16}$	4	$2\frac{1}{2}$	12	$9\frac{7}{8}-\frac{1}{16}$
3	$5\frac{7}{8}$	10	$6\frac{3}{4}-\frac{1}{16}$	3	$10\frac{1}{4}$	11	$8\frac{1}{2}-\frac{1}{16}$	4	$2\frac{5}{8}$	12	$10\frac{1}{4}-\frac{1}{16}$
3	6	10	$7\frac{1}{8}-\frac{1}{16}$	3	$10\frac{3}{8}$	11	9	4	$2\frac{3}{4}$	12	$10\frac{3}{8}-\frac{1}{16}$
3	$6\frac{1}{8}$	10	$7\frac{5}{8}$	3	$10\frac{1}{2}$	11	$9\frac{3}{8}$	4	$2\frac{7}{8}$	12	$11\frac{1}{16}$
3	$6\frac{1}{4}$	10	8	3	$10\frac{5}{8}$	11	$9\frac{3}{4}-\frac{1}{16}$	4	3	12	$11\frac{1}{2}$
3	$6\frac{3}{8}$	10	$8\frac{3}{8}$	3	$10\frac{3}{4}$	11	$10\frac{1}{8}-\frac{1}{16}$	4	$3\frac{1}{8}$	12	$11\frac{7}{8}$
3	$6\frac{1}{2}$	10	$8\frac{3}{4}-\frac{1}{16}$	3	$10\frac{7}{8}$	11	$10\frac{1}{2}-\frac{1}{16}$	4	$3\frac{1}{4}$	13	$0\frac{1}{4}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In	Ft.	In.	Ft.	In.
4	$3\frac{3}{8}$	13	$0\frac{5}{8}-\frac{1}{16}$	4	$7\frac{3}{4}$	14	$2\frac{3}{8}$	5	$0\frac{1}{8}$	15	$4\frac{1}{8}-\frac{1}{16}$
4	$3\frac{1}{2}$	13	$1\frac{1}{16}$	4	$7\frac{7}{8}$	14	$2\frac{3}{4}-\frac{1}{16}$	5	$0\frac{1}{4}$	15	$4\frac{1}{2}-\frac{1}{16}$
4	$3\frac{5}{8}$	13	$1\frac{1}{2}$	4	8	14	$3\frac{1}{8}-\frac{1}{16}$	5	$0\frac{3}{8}$	15	5
4	$3\frac{3}{4}$	13	$1\frac{7}{8}$	4	$8\frac{1}{8}$	14	$3\frac{1}{2}-\frac{1}{16}$	5	$0\frac{1}{2}$	15	$5\frac{3}{8}$
4	$3\frac{7}{8}$	13	$2\frac{1}{4}-\frac{1}{16}$	4	$8\frac{1}{4}$	14	4	5	$0\frac{5}{8}$	15	$5\frac{3}{4}$
4	4	13	$2\frac{5}{8}-\frac{1}{16}$	4	$8\frac{3}{8}$	14	$4\frac{3}{8}$	5	$0\frac{3}{4}$	15	$6\frac{1}{8}$
4	$4\frac{1}{8}$	13	$3\frac{1}{16}$	4	$8\frac{1}{2}$	14	$4\frac{3}{4}-\frac{1}{16}$	5	$0\frac{7}{8}$	15	$6\frac{1}{2}$
4	$4\frac{1}{4}$	13	$3\frac{3}{8}-\frac{1}{16}$	4	$8\frac{5}{8}$	14	$5\frac{1}{8}-\frac{1}{16}$	5	1	15	$6\frac{7}{8}$
4	$4\frac{3}{8}$	13	$3\frac{3}{4}-\frac{1}{16}$	4	$8\frac{3}{4}$	14	$5\frac{1}{2}-\frac{1}{16}$	5	$1\frac{1}{8}$	15	$7\frac{1}{4}-\frac{1}{16}$
4	$4\frac{1}{2}$	13	$4\frac{1}{8}-\frac{1}{16}$	4	$8\frac{7}{8}$	14	6	5	$1\frac{1}{4}$	15	$7\frac{5}{8}-\frac{1}{16}$
4	$4\frac{5}{8}$	13	$4\frac{1}{2}-\frac{1}{16}$	4	9	14	$6\frac{3}{8}$	5	$1\frac{3}{8}$	15	$8\frac{1}{8}$
4	$4\frac{3}{4}$	13	5	4	$9\frac{1}{8}$	14	$6\frac{3}{4}$	5	$1\frac{1}{2}$	15	$8\frac{1}{2}$
4	$4\frac{7}{8}$	13	$5\frac{3}{8}$	4	$9\frac{1}{4}$	14	$7\frac{1}{8}$	5	$1\frac{5}{8}$	15	$8\frac{7}{8}$
4	5	13	$5\frac{3}{4}-\frac{1}{16}$	4	$9\frac{3}{8}$	14	$7\frac{1}{2}$	5	$1\frac{3}{4}$	15	$9\frac{1}{4}-\frac{1}{16}$
4	$5\frac{1}{8}$	13	$6\frac{1}{8}-\frac{1}{16}$	4	$9\frac{1}{2}$	14	$7\frac{7}{8}$	5	$1\frac{7}{8}$	15	$9\frac{3}{8}-\frac{1}{16}$
4	$5\frac{1}{4}$	13	$6\frac{1}{2}-\frac{1}{16}$	4	$9\frac{5}{8}$	14	$8\frac{1}{4}-\frac{1}{16}$	5	2	15	$10\frac{1}{16}$
4	$5\frac{3}{8}$	13	7	4	$9\frac{3}{4}$	14	$8\frac{5}{8}-\frac{1}{16}$	5	$2\frac{1}{8}$	15	$10\frac{1}{2}$
4	$5\frac{1}{2}$	13	$7\frac{3}{8}$	4	$9\frac{7}{8}$	14	$9\frac{1}{8}$	5	$2\frac{1}{4}$	15	$10\frac{7}{8}$
4	$5\frac{5}{8}$	13	$7\frac{3}{4}$	4	10	14	$9\frac{1}{2}$	5	$2\frac{3}{8}$	15	$11\frac{1}{4}$
4	$5\frac{3}{4}$	13	$8\frac{1}{8}$	4	$10\frac{1}{8}$	14	$9\frac{7}{8}$	5	$2\frac{1}{2}$	15	$11\frac{5}{8}$
4	$5\frac{7}{8}$	13	$8\frac{1}{2}$	4	$10\frac{1}{4}$	14	$10\frac{1}{4}$	5	$2\frac{5}{8}$	16	0
4	6	13	$8\frac{7}{8}$	4	$10\frac{3}{8}$	14	$10\frac{5}{8}-\frac{1}{16}$	5	$2\frac{3}{4}$	16	$0\frac{3}{8}$
4	$6\frac{1}{8}$	13	$9\frac{1}{4}-\frac{1}{16}$	4	$10\frac{1}{2}$	14	$11\frac{1}{8}$	5	$2\frac{7}{8}$	16	$0\frac{3}{4}-\frac{1}{16}$
4	$6\frac{1}{4}$	13	$9\frac{5}{8}-\frac{1}{16}$	4	$10\frac{5}{8}$	14	$11\frac{1}{2}$	5	3	16	$1\frac{1}{8}-\frac{1}{16}$
4	$6\frac{3}{8}$	13	$10\frac{1}{16}$	4	$10\frac{3}{4}$	14	$11\frac{7}{8}$	5	$3\frac{1}{8}$	16	$1\frac{1}{2}-\frac{1}{16}$
4	$6\frac{1}{2}$	13	$10\frac{1}{2}$	4	$10\frac{7}{8}$	15	$0\frac{1}{4}$	5	$3\frac{1}{4}$	16	2
4	$6\frac{5}{8}$	13	$10\frac{7}{8}$	4	11	15	$0\frac{5}{8}$	5	$3\frac{3}{8}$	16	$2\frac{3}{8}$
4	$6\frac{3}{4}$	13	$11\frac{1}{4}-\frac{1}{16}$	4	$11\frac{1}{8}$	15	1	5	$3\frac{1}{2}$	16	$2\frac{3}{4}-\frac{1}{16}$
4	$6\frac{7}{8}$	13	$11\frac{5}{8}-\frac{1}{16}$	4	$11\frac{1}{4}$	15	$1\frac{3}{8}$	5	$3\frac{5}{8}$	16	$3\frac{1}{8}-\frac{1}{16}$
4	7	14	$0\frac{1}{16}$	4	$11\frac{3}{8}$	15	$1\frac{3}{4}-\frac{1}{16}$	5	$3\frac{3}{4}$	16	$3\frac{1}{2}-\frac{1}{16}$
4	$7\frac{1}{8}$	14	$0\frac{1}{2}$	4	$11\frac{1}{2}$	15	$2\frac{1}{8}-\frac{1}{16}$	5	$3\frac{7}{8}$	16	4
4	$7\frac{1}{4}$	14	$0\frac{7}{8}$	4	$11\frac{5}{8}$	15	$2\frac{1}{2}-\frac{1}{16}$	5	4	16	$4\frac{3}{8}$
4	$7\frac{3}{8}$	14	$1\frac{1}{4}$	4	$11\frac{3}{4}$	15	3	5	$4\frac{1}{8}$	16	$4\frac{3}{4}$
4	$7\frac{1}{2}$	14	$1\frac{5}{8}$	4	$11\frac{7}{8}$	15	$3\frac{3}{8}$	5	$4\frac{1}{4}$	16	$5\frac{1}{8}$
4	$7\frac{5}{8}$	14	2	5	0	15	$3\frac{3}{4}-\frac{1}{16}$	5	$4\frac{3}{8}$	16	$5\frac{1}{2}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
5	$4\frac{1}{2}$	16	$5\frac{7}{8}$	5	$8\frac{7}{8}$	17	$7\frac{5}{8}-\frac{1}{16}$	6	$1\frac{1}{4}$	18	$9\frac{3}{8}$
5	$4\frac{5}{8}$	16	$6\frac{1}{4}-\frac{1}{16}$	5	9	17	$8\frac{1}{8}$	6	$1\frac{3}{8}$	18	$9\frac{3}{4}-\frac{1}{16}$
5	$4\frac{3}{4}$	16	$6\frac{3}{8}-\frac{1}{16}$	5	$9\frac{1}{8}$	17	$8\frac{1}{2}$	6	$1\frac{1}{2}$	18	$10\frac{1}{8}-\frac{1}{16}$
5	$4\frac{7}{8}$	16	$7\frac{1}{8}$	5	$9\frac{1}{4}$	17	$8\frac{7}{8}$	6	$1\frac{5}{8}$	18	$10\frac{1}{2}-\frac{1}{16}$
5	5	16	$7\frac{1}{2}$	5	$9\frac{3}{8}$	17	$9\frac{1}{4}$	6	$1\frac{3}{4}$	18	11
5	$5\frac{1}{8}$	16	$7\frac{7}{8}$	5	$9\frac{1}{2}$	17	$9\frac{5}{8}$	6	$1\frac{7}{8}$	18	$11\frac{3}{8}$
5	$5\frac{1}{4}$	16	$8\frac{1}{4}-\frac{1}{16}$	5	$9\frac{5}{8}$	17	10	6	2	18	$11\frac{3}{4}-\frac{1}{16}$
5	$5\frac{3}{8}$	16	$8\frac{5}{8}-\frac{1}{16}$	5	$9\frac{3}{4}$	17	$10\frac{3}{8}$	6	$2\frac{1}{8}$	19	$0\frac{1}{8}-\frac{1}{16}$
5	$5\frac{1}{2}$	16	$9\frac{1}{8}$	5	$9\frac{7}{8}$	17	$10\frac{3}{4}-\frac{1}{16}$	6	$2\frac{1}{4}$	19	$0\frac{1}{2}-\frac{1}{16}$
5	$5\frac{5}{8}$	16	$9\frac{1}{2}$	5	10	17	$11\frac{1}{8}-\frac{1}{16}$	6	$2\frac{3}{8}$	19	$0\frac{7}{8}-\frac{1}{16}$
5	$5\frac{3}{4}$	16	$9\frac{7}{8}$	5	$10\frac{1}{8}$	17	$11\frac{1}{2}-\frac{1}{16}$	6	$2\frac{1}{2}$	19	$1\frac{1}{4}-\frac{1}{16}$
5	$5\frac{7}{8}$	16	$10\frac{1}{4}$	5	$10\frac{1}{4}$	18	0	6	$2\frac{5}{8}$	19	$1\frac{5}{8}-\frac{1}{16}$
5	6	16	$10\frac{5}{8}$	5	$10\frac{3}{8}$	18	$0\frac{3}{8}$	6	$2\frac{3}{4}$	19	$2\frac{1}{8}$
5	$6\frac{1}{8}$	16	11	5	$10\frac{1}{2}$	18	$0\frac{3}{4}-\frac{1}{16}$	6	$2\frac{7}{8}$	19	$2\frac{1}{2}$
5	$6\frac{1}{4}$	16	$11\frac{3}{8}$	5	$10\frac{5}{8}$	18	$1\frac{1}{8}-\frac{1}{16}$	6	3	19	$2\frac{3}{4}$
5	$6\frac{3}{8}$	16	$11\frac{3}{4}-\frac{1}{16}$	5	$10\frac{3}{4}$	18	$1\frac{1}{2}-\frac{1}{16}$	6	$3\frac{1}{8}$	19	$3\frac{1}{4}-\frac{1}{16}$
5	$6\frac{1}{2}$	17	$0\frac{1}{8}-\frac{1}{16}$	5	$10\frac{7}{8}$	18	$1\frac{7}{8}-\frac{1}{16}$	6	$3\frac{1}{4}$	19	$3\frac{5}{8}-\frac{1}{16}$
5	$6\frac{5}{8}$	17	$0\frac{1}{2}-\frac{1}{16}$	5	11	18	$2\frac{1}{4}-\frac{1}{16}$	6	$3\frac{3}{8}$	19	$4\frac{1}{8}$
5	$6\frac{3}{4}$	17	1	5	$11\frac{1}{8}$	18	$2\frac{5}{8}-\frac{1}{16}$	6	$3\frac{1}{2}$	19	$4\frac{1}{2}$
5	$6\frac{7}{8}$	17	$1\frac{3}{8}$	5	$11\frac{1}{4}$	18	$3\frac{1}{8}$	6	$3\frac{5}{8}$	19	$4\frac{7}{8}$
5	7	17	$1\frac{3}{4}-\frac{1}{16}$	5	$11\frac{3}{8}$	18	$3\frac{1}{2}$	6	$3\frac{3}{4}$	19	$5\frac{1}{4}-\frac{1}{16}$
5	$7\frac{1}{8}$	17	$2\frac{1}{8}-\frac{1}{16}$	5	$11\frac{1}{2}$	18	$3\frac{7}{8}$	6	$3\frac{7}{8}$	19	$5\frac{3}{8}-\frac{1}{16}$
5	$7\frac{1}{4}$	17	$2\frac{1}{2}-\frac{1}{16}$	5	$11\frac{5}{8}$	18	$4\frac{1}{4}-\frac{1}{16}$	6	4	19	$6\frac{1}{16}$
5	$7\frac{3}{8}$	17	3	5	$11\frac{3}{4}$	18	$4\frac{5}{8}-\frac{1}{16}$	6	$4\frac{1}{8}$	19	$6\frac{3}{8}-\frac{1}{16}$
5	$7\frac{1}{2}$	17	$3\frac{3}{8}$	5	$11\frac{7}{8}$	18	$5\frac{1}{8}$	6	$4\frac{1}{4}$	19	$6\frac{3}{4}-\frac{1}{16}$
5	$7\frac{5}{8}$	17	$3\frac{3}{4}$	6	0	18	$5\frac{1}{2}$	6	$4\frac{3}{8}$	19	$7\frac{1}{8}-\frac{1}{16}$
5	$7\frac{3}{4}$	17	$4\frac{1}{8}$	6	$0\frac{1}{8}$	18	$5\frac{7}{8}$	6	$4\frac{1}{2}$	19	$7\frac{1}{2}-\frac{1}{16}$
5	$7\frac{7}{8}$	17	$4\frac{1}{2}$	6	$0\frac{1}{4}$	18	$6\frac{1}{4}-\frac{1}{16}$	6	$4\frac{5}{8}$	19	8
5	8	17	$4\frac{7}{8}$	6	$0\frac{3}{8}$	18	$6\frac{5}{8}-\frac{1}{16}$	6	$4\frac{3}{4}$	19	$8\frac{3}{8}$
5	$8\frac{1}{8}$	17	$5\frac{1}{4}$	6	$0\frac{1}{2}$	18	$7\frac{1}{16}$	6	$4\frac{7}{8}$	19	$8\frac{3}{4}-\frac{1}{16}$
5	$8\frac{1}{4}$	17	$5\frac{5}{8}-\frac{1}{16}$	6	$0\frac{5}{8}$	18	$7\frac{3}{8}-\frac{1}{16}$	6	5	19	$9\frac{1}{8}-\frac{1}{16}$
5	$8\frac{3}{8}$	17	$6\frac{1}{8}$	6	$0\frac{3}{4}$	18	$7\frac{3}{4}-\frac{1}{16}$	6	$5\frac{1}{8}$	19	$9\frac{1}{2}-\frac{1}{16}$
5	$8\frac{1}{2}$	17	$6\frac{1}{2}$	6	$0\frac{7}{8}$	18	$8\frac{1}{8}-\frac{1}{16}$	6	$5\frac{1}{4}$	19	10
5	$8\frac{5}{8}$	17	$6\frac{7}{8}$	6	1	18	$8\frac{1}{2}-\frac{1}{16}$	6	$5\frac{3}{8}$	19	$10\frac{3}{8}$
5	$8\frac{3}{4}$	17	$7\frac{1}{4}$	6	$1\frac{1}{8}$	18	9	6	$5\frac{1}{2}$	19	$10\frac{3}{4}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
6	$5\frac{5}{8}$	19	$11\frac{1}{8}-\frac{1}{16}$	6	10	21	$0\frac{7}{8}$	7	$2\frac{3}{8}$	22	$2\frac{5}{8}$
6	$5\frac{3}{4}$	19	$11\frac{1}{2}-\frac{1}{16}$	6	$10\frac{1}{8}$	21	$1\frac{1}{4}-\frac{1}{16}$	7	$2\frac{1}{2}$	22	3
6	$5\frac{7}{8}$	19	$11\frac{7}{8}-\frac{1}{16}$	6	$10\frac{1}{4}$	21	$1\frac{3}{8}-\frac{1}{16}$	7	$2\frac{5}{8}$	22	$3\frac{3}{8}$
6	6	20	$0\frac{1}{4}-\frac{1}{16}$	6	$10\frac{3}{8}$	21	$1\frac{3}{8}$	7	$2\frac{3}{4}$	22	$3\frac{3}{4}-\frac{1}{16}$
6	$6\frac{1}{8}$	20	$0\frac{5}{8}-\frac{1}{16}$	6	$10\frac{1}{2}$	21	$2\frac{1}{2}$	7	$2\frac{7}{8}$	22	$4\frac{1}{8}-\frac{1}{16}$
6	$6\frac{1}{4}$	20	$1\frac{1}{8}$	6	$10\frac{5}{8}$	21	$2\frac{7}{8}$	7	3	22	$4\frac{1}{2}-\frac{1}{16}$
6	$6\frac{3}{8}$	20	$1\frac{1}{2}$	6	$10\frac{3}{4}$	21	$3\frac{1}{4}$	7	$3\frac{1}{8}$	22	5
6	$6\frac{1}{2}$	20	$1\frac{7}{8}$	6	$10\frac{7}{8}$	21	$3\frac{5}{8}$	7	$3\frac{1}{4}$	22	$5\frac{3}{8}$
6	$6\frac{5}{8}$	20	$2\frac{1}{4}-\frac{1}{16}$	6	11	21	4	7	$3\frac{3}{8}$	22	$5\frac{3}{4}-\frac{1}{16}$
6	$6\frac{3}{4}$	20	$2\frac{5}{8}-\frac{1}{16}$	6	$11\frac{1}{8}$	21	$4\frac{3}{8}$	7	$3\frac{1}{2}$	22	$6\frac{1}{8}-\frac{1}{16}$
6	$6\frac{7}{8}$	20	$3\frac{1}{8}$	6	$11\frac{1}{4}$	21	$4\frac{3}{4}-\frac{1}{16}$	7	$3\frac{5}{8}$	22	$6\frac{1}{2}-\frac{1}{16}$
6	7	20	$3\frac{1}{2}$	6	$11\frac{3}{8}$	21	$5\frac{1}{8}-\frac{1}{16}$	7	$3\frac{3}{4}$	22	7
6	$7\frac{1}{8}$	20	$3\frac{7}{8}$	6	$11\frac{1}{2}$	21	$5\frac{1}{2}-\frac{1}{16}$	7	$3\frac{7}{8}$	22	$7\frac{3}{8}$
6	$7\frac{1}{4}$	20	$4\frac{1}{4}-\frac{1}{16}$	6	$11\frac{5}{8}$	21	6	7	4	22	$7\frac{3}{4}$
6	$7\frac{3}{8}$	20	$4\frac{3}{8}-\frac{1}{16}$	6	$11\frac{3}{4}$	21	$6\frac{3}{8}$	7	$4\frac{1}{8}$	22	$8\frac{1}{8}$
6	$7\frac{1}{2}$	20	$5\frac{1}{16}$	6	$11\frac{7}{8}$	21	$6\frac{3}{4}-\frac{1}{16}$	7	$4\frac{1}{4}$	22	$8\frac{1}{2}$
6	$7\frac{5}{8}$	20	$5\frac{3}{8}-\frac{1}{16}$	7	0	21	$7\frac{1}{8}-\frac{1}{16}$	7	$4\frac{3}{8}$	22	$8\frac{7}{8}$
6	$7\frac{3}{4}$	20	$5\frac{3}{4}-\frac{1}{16}$	7	$0\frac{1}{8}$	21	$7\frac{1}{2}-\frac{1}{16}$	7	$4\frac{1}{2}$	22	$9\frac{1}{4}-\frac{1}{16}$
6	$7\frac{7}{8}$	20	$6\frac{1}{8}-\frac{1}{16}$	7	$0\frac{1}{4}$	21	8	7	$4\frac{5}{8}$	22	$9\frac{5}{8}-\frac{1}{16}$
6	8	20	$6\frac{1}{2}-\frac{1}{16}$	7	$0\frac{3}{8}$	21	$8\frac{3}{8}$	7	$4\frac{3}{4}$	22	$10\frac{1}{8}$
6	$8\frac{1}{8}$	20	7	7	$0\frac{1}{2}$	21	$8\frac{3}{4}$	7	$4\frac{7}{8}$	22	$10\frac{1}{2}$
6	$8\frac{1}{4}$	20	$7\frac{3}{8}$	7	$0\frac{5}{8}$	21	$9\frac{1}{8}$	7	5	22	$10\frac{7}{8}$
6	$8\frac{3}{8}$	20	$7\frac{3}{4}-\frac{1}{16}$	7	$0\frac{3}{4}$	21	$9\frac{1}{2}$	7	$5\frac{1}{8}$	22	$11\frac{1}{4}-\frac{1}{16}$
6	$8\frac{1}{2}$	20	$8\frac{1}{8}-\frac{1}{16}$	7	$0\frac{7}{8}$	21	$9\frac{7}{8}$	7	$5\frac{1}{4}$	22	$11\frac{5}{8}-\frac{1}{16}$
6	$8\frac{5}{8}$	20	$8\frac{1}{2}-\frac{1}{16}$	7	1	21	$10\frac{1}{4}-\frac{1}{16}$	7	$5\frac{3}{8}$	23	$0\frac{1}{8}$
6	$8\frac{3}{4}$	20	9	7	$1\frac{1}{8}$	21	$10\frac{5}{8}-\frac{1}{16}$	7	$5\frac{1}{2}$	23	$0\frac{1}{2}$
6	$8\frac{7}{8}$	20	$9\frac{3}{8}$	7	$1\frac{1}{4}$	21	$11\frac{1}{8}$	7	$5\frac{5}{8}$	23	$0\frac{7}{8}$
6	9	20	$9\frac{3}{4}$	7	$1\frac{3}{8}$	21	$11\frac{1}{2}$	7	$5\frac{3}{4}$	23	$1\frac{1}{4}$
6	$9\frac{1}{8}$	20	$10\frac{1}{8}$	7	$1\frac{1}{2}$	21	$11\frac{7}{8}$	7	$5\frac{7}{8}$	23	$1\frac{5}{8}$
6	$9\frac{1}{4}$	20	$10\frac{1}{2}$	7	$1\frac{5}{8}$	22	$0\frac{1}{4}-\frac{1}{16}$	7	6	23	2
6	$9\frac{3}{8}$	20	$10\frac{7}{8}$	7	$1\frac{3}{4}$	22	$0\frac{5}{8}-\frac{1}{16}$	7	$6\frac{1}{8}$	23	$2\frac{3}{8}$
6	$9\frac{1}{2}$	20	$11\frac{1}{4}-\frac{1}{16}$	7	$1\frac{7}{8}$	22	$1\frac{1}{8}$	7	$6\frac{1}{4}$	23	$2\frac{3}{4}-\frac{1}{16}$
6	$9\frac{5}{8}$	20	$11\frac{5}{8}-\frac{1}{16}$	7	2	22	$1\frac{1}{2}$	7	$6\frac{3}{8}$	23	$3\frac{1}{8}-\frac{1}{16}$
6	$9\frac{3}{4}$	21	$0\frac{1}{8}$	7	$2\frac{1}{8}$	22	$1\frac{7}{8}$	7	$6\frac{1}{2}$	23	$3\frac{1}{2}-\frac{1}{16}$
6	$9\frac{7}{8}$	21	$0\frac{1}{2}$	7	$2\frac{1}{4}$	22	$2\frac{1}{4}$	7	$6\frac{5}{8}$	23	4

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
7	$6\frac{3}{4}$	23	$4\frac{3}{8}$	7	$11\frac{1}{8}$	24	$6\frac{1}{8}$	8	$3\frac{1}{2}$	25	$7\frac{7}{8}$
7	$6\frac{7}{8}$	23	$4\frac{3}{4}-\frac{1}{16}$	7	$11\frac{1}{4}$	24	$6\frac{1}{2}$	8	$3\frac{5}{8}$	25	$8\frac{1}{4}-\frac{1}{16}$
7	7	23	$5\frac{1}{8}-\frac{1}{16}$	7	$11\frac{3}{8}$	24	$6\frac{7}{8}$	8	$3\frac{3}{4}$	25	$8\frac{5}{8}-\frac{1}{16}$
7	$7\frac{1}{8}$	23	$5\frac{1}{2}-\frac{1}{16}$	7	$11\frac{1}{2}$	24	$7\frac{1}{4}-\frac{1}{16}$	8	$3\frac{7}{8}$	25	$9\frac{1}{16}$
7	$7\frac{1}{4}$	23	6	7	$11\frac{5}{8}$	24	$7\frac{5}{8}-\frac{1}{16}$	8	4	25	$9\frac{3}{8}-\frac{1}{16}$
7	$7\frac{3}{8}$	23	$6\frac{3}{8}$	7	$11\frac{3}{4}$	24	$8\frac{1}{8}$	8	$4\frac{1}{8}$	25	$9\frac{3}{4}-\frac{1}{16}$
7	$7\frac{1}{2}$	23	$6\frac{3}{4}$	7	$11\frac{7}{8}$	24	$8\frac{1}{2}$	8	$4\frac{1}{4}$	25	$10\frac{3}{8}-\frac{1}{16}$
7	$7\frac{5}{8}$	23	$7\frac{1}{8}$	8	0	24	$8\frac{7}{8}$	8	$4\frac{3}{8}$	25	$10\frac{1}{2}-\frac{1}{16}$
7	$7\frac{3}{4}$	23	$7\frac{1}{2}$	8	$0\frac{1}{8}$	24	$9\frac{1}{4}-\frac{1}{16}$	8	$4\frac{1}{2}$	25	11
7	$7\frac{7}{8}$	23	$7\frac{7}{8}$	8	$0\frac{1}{4}$	24	$9\frac{5}{8}-\frac{1}{16}$	8	$4\frac{5}{8}$	25	$11\frac{3}{8}$
7	8	23	$8\frac{1}{4}-\frac{1}{16}$	8	$0\frac{3}{8}$	24	$10\frac{1}{16}$	8	$4\frac{3}{4}$	25	$11\frac{3}{4}-\frac{1}{16}$
7	$8\frac{1}{8}$	23	$8\frac{5}{8}-\frac{1}{16}$	8	$0\frac{1}{2}$	24	$10\frac{3}{8}-\frac{1}{16}$	8	$4\frac{7}{8}$	26	$0\frac{1}{8}-\frac{1}{16}$
7	$8\frac{1}{4}$	23	$9\frac{1}{16}$	8	$0\frac{5}{8}$	24	$10\frac{3}{4}-\frac{1}{16}$	8	5	26	$0\frac{1}{2}-\frac{1}{16}$
7	$8\frac{3}{8}$	23	$9\frac{1}{2}$	8	$0\frac{3}{4}$	24	$11\frac{1}{8}-\frac{1}{16}$	8	$5\frac{1}{8}$	26	1
7	$8\frac{1}{2}$	23	$9\frac{7}{8}$	8	$0\frac{7}{8}$	24	$11\frac{1}{2}-\frac{1}{16}$	8	$5\frac{1}{4}$	26	$1\frac{3}{8}$
7	$8\frac{5}{8}$	23	$10\frac{1}{4}-\frac{1}{16}$	8	1	25	0	8	$5\frac{3}{8}$	26	$1\frac{3}{4}-\frac{1}{16}$
7	$8\frac{3}{4}$	23	$10\frac{3}{8}-\frac{1}{16}$	8	$1\frac{1}{8}$	25	$0\frac{3}{8}$	8	$5\frac{1}{2}$	26	$2\frac{1}{8}-\frac{1}{16}$
7	$8\frac{7}{8}$	23	$11\frac{1}{16}$	8	$1\frac{1}{4}$	25	$0\frac{3}{4}-\frac{1}{16}$	8	$5\frac{5}{8}$	26	$2\frac{1}{2}-\frac{1}{16}$
7	9	23	$11\frac{3}{8}-\frac{1}{16}$	8	$1\frac{3}{8}$	25	$1\frac{1}{8}-\frac{1}{16}$	8	$5\frac{3}{4}$	26	$2\frac{7}{8}-\frac{1}{16}$
7	$9\frac{1}{8}$	23	$11\frac{3}{4}-\frac{1}{16}$	8	$1\frac{1}{2}$	25	$1\frac{1}{2}-\frac{1}{16}$	8	$5\frac{7}{8}$	26	$3\frac{1}{4}-\frac{1}{16}$
7	$9\frac{1}{4}$	24	$0\frac{1}{8}-\frac{1}{16}$	8	$1\frac{5}{8}$	25	2	8	6	26	$3\frac{5}{8}-\frac{1}{16}$
7	$9\frac{3}{8}$	24	$0\frac{1}{2}-\frac{1}{16}$	8	$1\frac{3}{4}$	25	$2\frac{3}{8}$	8	$6\frac{1}{8}$	26	$4\frac{1}{8}$
7	$9\frac{1}{2}$	24	1	8	$1\frac{7}{8}$	25	$2\frac{3}{4}-\frac{1}{16}$	8	$6\frac{1}{4}$	26	$4\frac{1}{2}$
7	$9\frac{5}{8}$	24	$1\frac{3}{8}$	8	2	25	$3\frac{1}{8}-\frac{1}{16}$	8	$6\frac{3}{8}$	26	$4\frac{7}{8}$
7	$9\frac{3}{4}$	24	$1\frac{3}{4}-\frac{1}{16}$	8	$2\frac{1}{8}$	25	$3\frac{1}{2}-\frac{1}{16}$	8	$6\frac{1}{2}$	26	$5\frac{1}{4}-\frac{1}{16}$
7	$9\frac{7}{8}$	24	$2\frac{1}{8}-\frac{1}{16}$	8	$2\frac{1}{4}$	25	$3\frac{7}{8}-\frac{1}{16}$	8	$6\frac{5}{8}$	26	$5\frac{5}{8}-\frac{1}{16}$
7	0	24	$2\frac{1}{2}-\frac{1}{16}$	8	$2\frac{3}{8}$	25	$4\frac{1}{4}-\frac{1}{16}$	8	$6\frac{3}{4}$	26	$6\frac{1}{16}$
7	$10\frac{1}{8}$	24	3	8	$2\frac{1}{2}$	25	$4\frac{5}{8}-\frac{1}{16}$	8	$6\frac{7}{8}$	26	$6\frac{3}{8}-\frac{1}{16}$
7	$10\frac{1}{4}$	24	$3\frac{3}{8}$	8	$2\frac{5}{8}$	25	$5\frac{1}{8}$	8	7	26	$6\frac{3}{4}-\frac{1}{16}$
7	$10\frac{3}{8}$	24	$3\frac{3}{4}-\frac{1}{16}$	8	$2\frac{3}{4}$	25	$5\frac{1}{2}$	8	$7\frac{1}{8}$	26	$7\frac{1}{4}$
7	$10\frac{1}{2}$	24	$4\frac{1}{8}-\frac{1}{16}$	8	$2\frac{7}{8}$	25	$5\frac{7}{8}$	8	$7\frac{1}{4}$	26	$7\frac{5}{8}$
7	$10\frac{5}{8}$	24	$4\frac{1}{2}-\frac{1}{16}$	8	3	25	$6\frac{1}{4}-\frac{1}{16}$	8	$7\frac{3}{8}$	26	8
7	$10\frac{3}{4}$	24	5	8	$3\frac{1}{8}$	25	$6\frac{5}{8}-\frac{1}{16}$	8	$7\frac{1}{2}$	26	$8\frac{3}{8}-\frac{1}{16}$
7	$10\frac{7}{8}$	24	$5\frac{3}{8}$	8	$3\frac{1}{4}$	25	$7\frac{1}{8}$	8	$7\frac{5}{8}$	26	$8\frac{3}{4}-\frac{1}{16}$
7	11	24	$5\frac{3}{4}$	8	$3\frac{3}{8}$	25	$7\frac{1}{2}$	8	$7\frac{3}{4}$	26	$9\frac{1}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
8	$7\frac{7}{8}$	26	$9\frac{1}{2}-\frac{1}{16}$	9	$0\frac{1}{4}$	27	$11\frac{1}{4}-\frac{1}{16}$	9	$4\frac{5}{8}$	29	$1\frac{1}{16}$
8	8	26	10	9	$0\frac{3}{8}$	27	$11\frac{3}{4}$	9	$4\frac{3}{4}$	29	$1\frac{1}{2}$
8	$8\frac{1}{8}$	26	$10\frac{3}{8}$	9	$0\frac{1}{2}$	28	$0\frac{1}{8}$	9	$4\frac{7}{8}$	29	$1\frac{7}{8}$
8	$8\frac{1}{4}$	26	$10\frac{3}{4}$	9	$0\frac{5}{8}$	28	$0\frac{1}{2}$	9	5	29	$2\frac{1}{4}$
8	$8\frac{3}{8}$	26	$11\frac{1}{8}-\frac{1}{16}$	9	$0\frac{3}{4}$	28	$0\frac{7}{8}$	9	$5\frac{1}{8}$	29	$2\frac{5}{8}$
8	$8\frac{1}{2}$	26	$11\frac{1}{2}-\frac{1}{16}$	9	$0\frac{7}{8}$	28	$1\frac{1}{4}-\frac{1}{16}$	9	$5\frac{1}{4}$	29	3
8	$8\frac{5}{8}$	26	$11\frac{7}{8}-\frac{1}{16}$	9	1	28	$1\frac{3}{8}-\frac{1}{16}$	9	$5\frac{3}{8}$	29	$3\frac{3}{8}-\frac{1}{16}$
8	$8\frac{3}{4}$	27	$0\frac{1}{4}-\frac{1}{16}$	9	$1\frac{1}{8}$	28	$2\frac{1}{16}$	9	$5\frac{1}{2}$	29	$3\frac{3}{4}-\frac{1}{16}$
8	$8\frac{7}{8}$	27	$0\frac{5}{8}-\frac{1}{16}$	9	$1\frac{1}{4}$	28	$2\frac{1}{2}$	9	$5\frac{5}{8}$	29	$4\frac{1}{4}$
8	9	27	$1\frac{1}{16}$	9	$1\frac{3}{8}$	28	$2\frac{7}{8}$	9	$5\frac{3}{4}$	29	$4\frac{5}{8}$
8	$9\frac{1}{8}$	27	$1\frac{1}{2}$	9	$1\frac{1}{2}$	28	$3\frac{1}{4}$	9	$5\frac{7}{8}$	29	5
8	$9\frac{1}{4}$	27	$1\frac{7}{8}-\frac{1}{16}$	9	$1\frac{5}{8}$	28	$3\frac{5}{8}$	9	6	29	$5\frac{3}{8}$
8	$9\frac{3}{8}$	27	$2\frac{1}{4}-\frac{1}{16}$	9	$1\frac{3}{4}$	28	4	9	$6\frac{1}{8}$	29	$5\frac{3}{4}-\frac{1}{16}$
8	$9\frac{1}{2}$	27	$2\frac{5}{8}-\frac{1}{16}$	9	$1\frac{7}{8}$	28	$4\frac{3}{8}-\frac{1}{16}$	9	$6\frac{1}{4}$	29	$6\frac{1}{8}-\frac{1}{16}$
8	$9\frac{5}{8}$	27	$3\frac{1}{16}$	9	2	28	$4\frac{7}{8}$	9	$6\frac{3}{8}$	29	$6\frac{1}{2}-\frac{1}{16}$
8	$9\frac{3}{4}$	27	$3\frac{1}{2}$	9	$2\frac{1}{8}$	28	$5\frac{1}{4}$	9	$6\frac{1}{2}$	29	7
8	$9\frac{7}{8}$	27	$3\frac{7}{8}$	9	$2\frac{1}{4}$	28	$5\frac{5}{8}$	9	$6\frac{5}{8}$	29	$7\frac{3}{8}$
8	10	27	$4\frac{1}{4}$	9	$2\frac{3}{8}$	28	6	9	$6\frac{3}{4}$	29	$7\frac{3}{4}$
8	$10\frac{1}{8}$	27	$4\frac{5}{8}-\frac{1}{16}$	9	$2\frac{1}{2}$	28	$6\frac{3}{8}$	9	$6\frac{7}{8}$	29	$8\frac{1}{8}$
8	$10\frac{1}{4}$	27	$5\frac{1}{16}$	9	$2\frac{5}{8}$	28	$6\frac{3}{4}-\frac{1}{16}$	9	7	29	$8\frac{1}{2}-\frac{1}{16}$
8	$10\frac{3}{8}$	27	$5\frac{3}{8}-\frac{1}{16}$	9	$2\frac{3}{4}$	28	$7\frac{1}{8}-\frac{1}{16}$	9	$7\frac{1}{8}$	29	$8\frac{7}{8}-\frac{1}{16}$
8	$10\frac{1}{2}$	27	$5\frac{3}{4}-\frac{1}{16}$	9	$2\frac{7}{8}$	28	$7\frac{1}{2}-\frac{1}{16}$	9	$7\frac{1}{4}$	29	$9\frac{1}{4}-\frac{1}{16}$
8	$10\frac{5}{8}$	27	$6\frac{1}{4}$	9	3	28	8	9	$7\frac{3}{8}$	29	$9\frac{3}{4}$
8	$10\frac{3}{4}$	27	$6\frac{5}{8}$	9	$3\frac{1}{8}$	28	$8\frac{3}{8}$	9	$7\frac{1}{2}$	29	$10\frac{1}{8}$
8	$10\frac{7}{8}$	27	7	9	$3\frac{1}{4}$	28	$8\frac{3}{4}$	9	$7\frac{5}{8}$	29	$10\frac{1}{2}$
8	11	27	$7\frac{3}{8}-\frac{1}{16}$	9	$3\frac{3}{8}$	28	$9\frac{1}{8}$	9	$7\frac{3}{4}$	29	$10\frac{7}{8}$
8	$11\frac{1}{8}$	27	$7\frac{3}{4}-\frac{1}{16}$	9	$3\frac{1}{2}$	28	$9\frac{1}{2}$	9	$7\frac{7}{8}$	29	$11\frac{1}{4}-\frac{1}{16}$
8	$11\frac{1}{4}$	27	$8\frac{1}{8}-\frac{1}{16}$	9	$3\frac{5}{8}$	28	$9\frac{7}{8}-\frac{1}{16}$	9	8	29	$11\frac{5}{8}-\frac{1}{16}$
8	$11\frac{3}{8}$	27	$8\frac{1}{2}-\frac{1}{16}$	9	$3\frac{3}{4}$	28	$10\frac{1}{4}-\frac{1}{16}$	9	$8\frac{1}{8}$	30	$0\frac{1}{16}$
8	$11\frac{1}{2}$	27	9	9	$3\frac{7}{8}$	28	$10\frac{3}{4}$	9	$8\frac{1}{4}$	30	$0\frac{3}{8}-\frac{1}{16}$
8	$11\frac{5}{8}$	27	$9\frac{3}{8}$	9	4	28	$11\frac{1}{8}$	9	$8\frac{3}{8}$	30	$0\frac{7}{8}$
8	$11\frac{3}{4}$	27	$9\frac{3}{4}$	9	$4\frac{1}{8}$	28	$11\frac{1}{2}$	9	$8\frac{1}{2}$	30	$1\frac{1}{4}$
8	$11\frac{7}{8}$	27	$10\frac{1}{8}$	9	$4\frac{1}{4}$	28	$11\frac{7}{8}$	9	$8\frac{5}{8}$	30	$1\frac{5}{8}$
9	0	27	$10\frac{1}{2}$	9	$4\frac{3}{8}$	29	$0\frac{1}{4}-\frac{1}{16}$	9	$8\frac{3}{4}$	30	2
9	$0\frac{1}{8}$	27	$10\frac{7}{8}-\frac{1}{16}$	9	$4\frac{1}{2}$	29	$0\frac{5}{8}-\frac{1}{16}$	9	$8\frac{7}{8}$	30	$2\frac{3}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
9	9	30	$2\frac{3}{4}-\frac{1}{16}$	10	$1\frac{3}{8}$	31	$4\frac{1}{2}-\frac{1}{16}$	10	$5\frac{3}{4}$	32	$6\frac{1}{4}-\frac{1}{16}$
9	$9\frac{1}{8}$	30	$3\frac{1}{4}$	10	$1\frac{1}{3}$	31	5	10	$5\frac{7}{8}$	32	$6\frac{5}{8}-\frac{1}{16}$
9	$9\frac{1}{4}$	30	$3\frac{5}{8}$	10	$1\frac{5}{8}$	31	$5\frac{3}{8}$	10	6	32	$7\frac{1}{8}$
9	$9\frac{3}{8}$	30	4	10	$1\frac{3}{4}$	31	$5\frac{3}{4}$	10	$6\frac{1}{8}$	32	$7\frac{1}{2}$
9	$9\frac{1}{2}$	30	$4\frac{3}{8}$	10	$1\frac{7}{8}$	31	$6\frac{1}{8}$	10	$6\frac{1}{4}$	32	$7\frac{7}{8}$
9	$9\frac{5}{8}$	30	$4\frac{3}{4}$	10	2	31	$6\frac{1}{2}$	10	$6\frac{3}{8}$	32	$8\frac{1}{4}$
9	$9\frac{3}{4}$	30	$5\frac{1}{8}-\frac{1}{16}$	10	$2\frac{1}{8}$	31	$6\frac{7}{8}-\frac{1}{16}$	10	$6\frac{1}{2}$	32	$8\frac{5}{8}-\frac{1}{16}$
9	$9\frac{7}{8}$	30	$5\frac{1}{2}-\frac{1}{16}$	10	$2\frac{1}{4}$	31	$7\frac{1}{4}-\frac{1}{16}$	10	$6\frac{5}{8}$	32	$9\frac{1}{16}$
9	10	30	6	10	$2\frac{3}{8}$	31	$7\frac{5}{8}-\frac{1}{16}$	10	$6\frac{3}{4}$	32	$9\frac{3}{8}-\frac{1}{16}$
9	$10\frac{1}{8}$	30	$6\frac{3}{8}$	10	$2\frac{1}{2}$	31	$8\frac{1}{8}$	10	$6\frac{7}{8}$	32	$9\frac{3}{4}-\frac{1}{16}$
9	$10\frac{1}{4}$	30	$6\frac{3}{4}$	10	$2\frac{5}{8}$	31	$8\frac{1}{2}$	10	7	32	$10\frac{1}{4}$
9	$10\frac{3}{8}$	30	$7\frac{1}{8}$	10	$2\frac{3}{4}$	31	$8\frac{7}{8}$	10	$7\frac{1}{8}$	32	$10\frac{5}{8}$
9	$10\frac{1}{2}$	30	$7\frac{1}{2}$	10	$2\frac{7}{8}$	31	$9\frac{1}{4}$	10	$7\frac{1}{4}$	32	11
9	$10\frac{5}{8}$	30	$7\frac{7}{8}-\frac{1}{16}$	10	3	31	$9\frac{5}{8}-\frac{1}{16}$	10	$7\frac{3}{8}$	32	$11\frac{3}{8}-\frac{1}{16}$
9	$10\frac{3}{4}$	30	$8\frac{1}{4}-\frac{1}{16}$	10	$3\frac{1}{8}$	31	$10\frac{1}{16}$	10	$7\frac{1}{2}$	32	$11\frac{3}{4}-\frac{1}{16}$
9	$10\frac{7}{8}$	30	$8\frac{3}{4}$	10	$3\frac{1}{4}$	31	$10\frac{3}{8}-\frac{1}{16}$	10	$7\frac{5}{8}$	33	$0\frac{1}{4}$
9	11	30	$9\frac{1}{8}$	10	$3\frac{3}{8}$	31	$10\frac{7}{8}$	10	$7\frac{3}{4}$	33	$0\frac{5}{8}$
9	$11\frac{1}{8}$	30	$9\frac{1}{2}$	10	$3\frac{1}{2}$	31	$11\frac{1}{4}$	10	$7\frac{7}{8}$	33	1
9	$11\frac{1}{4}$	30	$9\frac{7}{8}$	10	$3\frac{5}{8}$	31	$11\frac{5}{8}$	10	8	33	$1\frac{3}{8}$
9	$11\frac{3}{8}$	30	$10\frac{1}{4}$	10	$3\frac{3}{4}$	32	0	10	$8\frac{1}{8}$	33	$1\frac{3}{4}$
9	$11\frac{1}{2}$	30	$10\frac{5}{8}-\frac{1}{16}$	10	$3\frac{7}{8}$	32	$0\frac{3}{8}-\frac{1}{16}$	10	$8\frac{1}{4}$	33	$2\frac{3}{8}-\frac{1}{16}$
9	$11\frac{5}{8}$	30	$11\frac{1}{16}$	10	4	32	$0\frac{3}{4}-\frac{1}{16}$	10	$8\frac{3}{8}$	33	$2\frac{1}{2}-\frac{1}{16}$
9	$11\frac{3}{4}$	30	$11\frac{3}{8}-\frac{1}{16}$	10	$4\frac{1}{8}$	32	$1\frac{1}{8}-\frac{1}{16}$	10	$8\frac{1}{2}$	33	3
9	$11\frac{7}{8}$	30	$11\frac{3}{4}-\frac{1}{16}$	10	$4\frac{1}{4}$	32	$1\frac{5}{8}$	10	$8\frac{5}{8}$	33	$3\frac{3}{8}$
10	0	31	$0\frac{1}{4}$	10	$4\frac{3}{8}$	32	2	10	$8\frac{3}{4}$	33	$3\frac{3}{4}$
10	$0\frac{1}{8}$	31	$0\frac{5}{8}$	10	$4\frac{1}{2}$	32	$2\frac{3}{8}$	10	$8\frac{7}{8}$	33	$4\frac{1}{8}$
10	$0\frac{1}{4}$	31	1	10	$4\frac{5}{8}$	32	$2\frac{3}{4}-\frac{1}{16}$	10	9	33	$4\frac{1}{2}$
10	$0\frac{3}{8}$	31	$1\frac{3}{8}-\frac{1}{16}$	10	$4\frac{3}{4}$	32	$3\frac{1}{8}-\frac{1}{16}$	10	$9\frac{1}{8}$	33	$4\frac{7}{8}$
10	$0\frac{1}{2}$	31	$1\frac{3}{4}-\frac{1}{16}$	10	$4\frac{7}{8}$	32	$3\frac{1}{2}-\frac{1}{16}$	10	$9\frac{1}{4}$	33	$5\frac{1}{4}-\frac{1}{16}$
10	$0\frac{5}{8}$	31	$2\frac{1}{4}$	10	5	32	$3\frac{7}{8}-\frac{1}{16}$	10	$9\frac{3}{8}$	33	$5\frac{5}{8}-\frac{1}{16}$
10	$0\frac{3}{4}$	31	$2\frac{5}{8}$	10	$5\frac{1}{8}$	32	$4\frac{3}{8}$	10	$9\frac{1}{2}$	33	$6\frac{1}{16}$
10	$0\frac{7}{8}$	31	3	10	$5\frac{1}{4}$	32	$4\frac{3}{4}$	10	$9\frac{5}{8}$	33	$6\frac{1}{2}$
10	1	31	$3\frac{3}{8}$	10	$5\frac{3}{8}$	32	$5\frac{1}{8}$	10	$9\frac{3}{4}$	33	$6\frac{7}{8}$
10	$1\frac{1}{8}$	31	$3\frac{3}{4}$	10	$5\frac{1}{2}$	32	$5\frac{1}{2}$	10	$9\frac{7}{8}$	33	$7\frac{1}{4}$
10	$1\frac{1}{4}$	31	$4\frac{1}{8}$	10	$5\frac{5}{8}$	32	$5\frac{7}{8}-\frac{1}{16}$	10	10	33	$7\frac{3}{8}-\frac{1}{16}$

Diagonal Measurement at the Root, $\frac{3}{4}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
10	$10\frac{1}{8}$	33	$8\frac{1}{16}$	10	$10\frac{7}{8}$	33	$10\frac{3}{8}-\frac{1}{16}$	10	$11\frac{5}{8}$	34	$0\frac{3}{4}$
10	$10\frac{1}{4}$	33	$8\frac{3}{8}-\frac{1}{16}$	10	11	33	$10\frac{3}{4}-\frac{1}{16}$	10	$11\frac{3}{4}$	34	$1\frac{1}{8}-\frac{1}{16}$
10	$10\frac{3}{8}$	33	$8\frac{7}{8}$	10	$11\frac{1}{8}$	33	$11\frac{1}{8}-\frac{1}{16}$	10	$11\frac{7}{8}$	34	$1\frac{1}{2}-\frac{1}{16}$
10	$10\frac{1}{2}$	33	$9\frac{1}{4}$	10	$11\frac{1}{4}$	33	$11\frac{1}{2}-\frac{1}{16}$	11	0	34	$1\frac{7}{8}-\frac{1}{16}$
10	$10\frac{5}{8}$	33	$9\frac{5}{8}$	10	$11\frac{3}{8}$	34	0				
10	$10\frac{3}{4}$	33	10	10	$11\frac{1}{2}$	34	$0\frac{3}{8}$				

Diagonal Measurement at the Root, $\frac{3}{4}-\frac{1}{16}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In	Ft.	In.	Ft.	In.
1	0	2	$8\frac{1}{2}-\frac{1}{16}$	1	$2\frac{3}{4}$	3	$5\frac{1}{8}-\frac{1}{16}$	1	$5\frac{1}{2}$	4	$1\frac{3}{4}-\frac{1}{16}$
1	$0\frac{1}{8}$	2	$8\frac{7}{8}-\frac{1}{16}$	1	$2\frac{7}{8}$	3	$5\frac{1}{2}-\frac{1}{16}$	1	$5\frac{5}{8}$	4	$2\frac{1}{4}$
1	$0\frac{1}{4}$	2	$9\frac{1}{4}-\frac{1}{16}$	1	3	3	6	1	$5\frac{3}{4}$	4	$2\frac{3}{8}$
1	$0\frac{3}{8}$	2	$9\frac{3}{4}$	1	$3\frac{1}{8}$	3	$6\frac{3}{8}$	1	$5\frac{7}{8}$	4	$3\frac{1}{16}$
1	$0\frac{1}{2}$	2	$10\frac{1}{8}$	1	$3\frac{1}{4}$	3	$6\frac{3}{4}-\frac{1}{16}$	1	6	4	$3\frac{3}{8}-\frac{1}{16}$
1	$0\frac{5}{8}$	2	$10\frac{1}{2}-\frac{1}{16}$	1	$3\frac{3}{8}$	3	$7\frac{1}{8}-\frac{1}{16}$	1	$6\frac{1}{8}$	4	$3\frac{3}{4}-\frac{1}{16}$
1	$0\frac{3}{4}$	2	$10\frac{7}{8}-\frac{1}{16}$	1	$3\frac{1}{2}$	3	$7\frac{1}{2}-\frac{1}{16}$	1	$6\frac{1}{4}$	4	$4\frac{1}{8}-\frac{1}{16}$
1	$0\frac{7}{8}$	2	$11\frac{1}{4}-\frac{1}{16}$	1	$3\frac{5}{8}$	3	$7\frac{7}{8}-\frac{1}{16}$	1	$6\frac{3}{8}$	4	$4\frac{1}{2}-\frac{1}{16}$
1	1	2	$11\frac{5}{8}-\frac{1}{16}$	1	$3\frac{3}{4}$	3	$8\frac{1}{4}-\frac{1}{16}$	1	$6\frac{1}{2}$	4	5
1	$1\frac{1}{8}$	3	$0\frac{1}{16}$	1	$3\frac{7}{8}$	3	$8\frac{3}{4}$	1	$6\frac{5}{8}$	4	$5\frac{3}{8}$
1	$1\frac{1}{4}$	3	$0\frac{1}{2}$	1	4	3	$9\frac{1}{8}$	1	$6\frac{3}{4}$	4	$5\frac{3}{4}-\frac{1}{16}$
1	$1\frac{3}{8}$	3	$0\frac{7}{8}$	1	$4\frac{1}{8}$	3	$9\frac{1}{2}-\frac{1}{16}$	1	$6\frac{7}{8}$	4	$6\frac{1}{8}-\frac{1}{16}$
1	$1\frac{1}{2}$	3	$1\frac{1}{4}-\frac{1}{16}$	1	$4\frac{1}{4}$	3	$9\frac{7}{8}-\frac{1}{16}$	1	7	4	$6\frac{1}{2}-\frac{1}{16}$
1	$1\frac{5}{8}$	3	$1\frac{3}{8}-\frac{1}{16}$	1	$4\frac{3}{8}$	3	$10\frac{1}{4}-\frac{1}{16}$	1	$7\frac{1}{8}$	4	$6\frac{7}{8}-\frac{1}{16}$
1	$1\frac{3}{4}$	3	$2\frac{1}{16}$	1	$4\frac{1}{2}$	3	$10\frac{5}{8}-\frac{1}{16}$	1	$7\frac{1}{4}$	4	$7\frac{1}{4}-\frac{1}{16}$
1	$1\frac{7}{8}$	3	$2\frac{3}{8}-\frac{1}{16}$	1	$4\frac{5}{8}$	3	$11\frac{1}{16}$	1	$7\frac{3}{8}$	4	$7\frac{3}{4}$
1	2	3	$2\frac{3}{4}-\frac{1}{16}$	1	$4\frac{3}{4}$	3	$11\frac{1}{2}$	1	$7\frac{1}{2}$	4	$8\frac{1}{8}$
1	$2\frac{1}{8}$	3	$3\frac{1}{4}$	1	$4\frac{7}{8}$	3	$11\frac{7}{8}$	1	$7\frac{5}{8}$	4	$8\frac{1}{2}$
1	$2\frac{1}{4}$	3	$3\frac{5}{8}$	1	5	4	$0\frac{1}{4}$	1	$7\frac{3}{4}$	4	$8\frac{7}{8}-\frac{1}{16}$
1	$2\frac{3}{8}$	3	$4\frac{1}{16}$	1	$5\frac{1}{8}$	4	$0\frac{5}{8}-\frac{1}{16}$	1	$7\frac{7}{8}$	4	$9\frac{1}{4}-\frac{1}{16}$
1	$2\frac{1}{2}$	3	$4\frac{3}{8}-\frac{1}{16}$	1	$5\frac{1}{4}$	4	$1\frac{1}{16}$	1	8	4	$9\frac{5}{8}-\frac{1}{16}$
1	$2\frac{5}{8}$	3	$4\frac{3}{4}-\frac{1}{16}$	1	$5\frac{3}{8}$	4	$1\frac{3}{8}-\frac{1}{16}$	1	$8\frac{1}{8}$	4	$10\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-$\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In	Ft.	In.	Ft.	In.
1	$8\frac{1}{4}$	4	$10\frac{1}{2}$	2	$0\frac{5}{8}$	6	$0\frac{1}{4}$	2	5	7	2
1	$8\frac{3}{8}$	4	$10\frac{7}{8}$	2	$0\frac{3}{4}$	6	$0\frac{3}{8}$	2	$5\frac{1}{8}$	7	$2\frac{3}{8}$
1	$8\frac{1}{2}$	4	$11\frac{1}{4}$	2	$0\frac{7}{8}$	6	1	2	$5\frac{1}{4}$	7	$2\frac{3}{4}$
1	$8\frac{5}{8}$	4	$11\frac{5}{8}$-$\frac{1}{16}$	2	1	6	$1\frac{3}{8}$	2	$5\frac{3}{8}$	7	$3\frac{1}{8}$
1	$8\frac{3}{4}$	5	$0\frac{1}{16}$	2	$1\frac{1}{8}$	6	$1\frac{3}{4}$-$\frac{1}{16}$	2	$5\frac{1}{2}$	7	$3\frac{1}{2}$-$\frac{1}{16}$
1	$8\frac{7}{8}$	5	$0\frac{3}{8}$-$\frac{1}{16}$	2	$1\frac{1}{4}$	6	$2\frac{1}{8}$-$\frac{1}{16}$	2	$5\frac{5}{8}$	7	$3\frac{7}{8}$-$\frac{1}{16}$
1	9	5	$0\frac{3}{4}$-$\frac{1}{16}$	2	$1\frac{3}{8}$	6	$2\frac{1}{2}$-$\frac{1}{16}$	2	$5\frac{3}{4}$	7	$4\frac{1}{4}$-$\frac{1}{16}$
1	$9\frac{1}{8}$	5	$1\frac{1}{4}$	2	$1\frac{1}{2}$	6	3	2	$5\frac{7}{8}$	7	$4\frac{3}{4}$
1	$9\frac{1}{4}$	5	$1\frac{5}{8}$	2	$1\frac{5}{8}$	6	$3\frac{3}{8}$	2	6	7	$5\frac{1}{8}$
1	$9\frac{3}{8}$	5	2	2	$1\frac{3}{4}$	6	$3\frac{3}{4}$	2	$6\frac{1}{8}$	7	$5\frac{1}{2}$
1	$9\frac{1}{2}$	5	$2\frac{3}{8}$-$\frac{1}{16}$	2	$1\frac{7}{8}$	6	$4\frac{1}{8}$	2	$6\frac{1}{4}$	7	$5\frac{7}{8}$
1	$9\frac{5}{8}$	5	$2\frac{3}{4}$-$\frac{1}{16}$	2	2	6	$4\frac{1}{2}$-$\frac{1}{16}$	2	$6\frac{3}{8}$	7	$6\frac{1}{4}$-$\frac{1}{16}$
1	$9\frac{3}{4}$	5	$3\frac{1}{8}$-$\frac{1}{16}$	2	$2\frac{1}{8}$	6	$4\frac{7}{8}$-$\frac{1}{16}$	2	$6\frac{1}{2}$	7	$6\frac{3}{8}$-$\frac{1}{16}$
1	$9\frac{7}{8}$	5	$3\frac{1}{2}$-$\frac{1}{16}$	2	$2\frac{1}{4}$	6	$5\frac{1}{4}$-$\frac{1}{16}$	2	$6\frac{5}{8}$	7	$7\frac{1}{16}$
1	10	5	4	2	$2\frac{3}{8}$	6	$5\frac{3}{4}$	2	$6\frac{3}{4}$	7	$7\frac{3}{8}$-$\frac{1}{16}$
1	$10\frac{1}{8}$	5	$4\frac{3}{8}$	2	$2\frac{1}{2}$	6	$6\frac{1}{8}$	2	$6\frac{7}{8}$	7	$7\frac{7}{8}$
1	$10\frac{1}{4}$	5	$4\frac{3}{4}$	2	$2\frac{5}{8}$	6	$6\frac{1}{2}$	2	7	7	$8\frac{1}{4}$
1	$10\frac{3}{8}$	5	$5\frac{1}{8}$-$\frac{1}{16}$	2	$2\frac{3}{4}$	6	$6\frac{7}{8}$-$\frac{1}{16}$	2	$7\frac{1}{8}$	7	$8\frac{5}{8}$
1	$10\frac{1}{2}$	5	$5\frac{1}{2}$-$\frac{1}{16}$	2	$2\frac{7}{8}$	6	$7\frac{1}{4}$-$\frac{1}{16}$	2	$7\frac{1}{4}$	7	$9\frac{1}{16}$
1	$10\frac{5}{8}$	5	$5\frac{7}{8}$-$\frac{1}{16}$	2	3	6	$7\frac{3}{4}$	2	$7\frac{3}{8}$	7	$9\frac{3}{8}$-$\frac{1}{16}$
1	$10\frac{3}{4}$	5	$6\frac{1}{4}$-$\frac{1}{16}$	2	$3\frac{1}{8}$	6	$8\frac{1}{8}$	2	$7\frac{1}{2}$	7	$9\frac{3}{4}$-$\frac{1}{16}$
1	$10\frac{7}{8}$	5	$6\frac{3}{4}$	2	$3\frac{1}{4}$	6	$8\frac{1}{2}$	2	$7\frac{5}{8}$	7	$10\frac{1}{4}$
1	11	5	$7\frac{1}{8}$	2	$3\frac{3}{8}$	6	$8\frac{7}{8}$	2	$7\frac{3}{4}$	7	$10\frac{5}{8}$
1	$11\frac{1}{8}$	5	$7\frac{1}{2}$	2	$3\frac{1}{2}$	6	$9\frac{1}{4}$	2	$7\frac{7}{8}$	7	11
1	$11\frac{1}{4}$	5	$7\frac{7}{8}$	2	$3\frac{5}{8}$	6	$9\frac{5}{8}$-$\frac{1}{16}$	2	8	7	$11\frac{3}{8}$
1	$11\frac{3}{8}$	5	$8\frac{1}{4}$-$\frac{1}{16}$	2	$3\frac{3}{4}$	6	$10\frac{1}{16}$	2	$8\frac{1}{8}$	7	$11\frac{3}{4}$-$\frac{1}{16}$
1	$11\frac{1}{2}$	5	$8\frac{5}{8}$-$\frac{1}{16}$	2	$3\frac{7}{8}$	6	$10\frac{3}{8}$-$\frac{1}{16}$	2	$8\frac{1}{4}$	8	$0\frac{1}{8}$-$\frac{1}{16}$
1	$11\frac{5}{8}$	5	$9\frac{1}{16}$	2	4	6	$10\frac{3}{4}$-$\frac{1}{16}$	2	$8\frac{3}{8}$	8	$0\frac{1}{2}$-$\frac{1}{16}$
1	$11\frac{3}{4}$	5	$9\frac{1}{2}$	2	$4\frac{1}{8}$	6	$11\frac{1}{4}$	2	$8\frac{1}{2}$	8	1
1	$11\frac{7}{8}$	5	$9\frac{7}{8}$	2	$4\frac{1}{4}$	6	$11\frac{5}{8}$	2	$8\frac{5}{8}$	8	$1\frac{3}{8}$
2	0	5	$10\frac{1}{4}$	2	$4\frac{3}{8}$	7	0	2	$8\frac{3}{4}$	8	$1\frac{3}{4}$-$\frac{1}{16}$
2	$0\frac{1}{8}$	5	$10\frac{5}{8}$	2	$4\frac{1}{2}$	7	$0\frac{3}{8}$-$\frac{1}{16}$	2	$8\frac{7}{8}$	8	$2\frac{1}{8}$-$\frac{1}{16}$
2	$0\frac{1}{4}$	5	$11\frac{1}{16}$	2	$4\frac{5}{8}$	7	$0\frac{3}{4}$-$\frac{1}{16}$	2	9	8	$2\frac{1}{2}$-$\frac{1}{16}$
2	$0\frac{3}{8}$	5	$11\frac{3}{8}$-$\frac{1}{16}$	2	$4\frac{3}{4}$	7	$1\frac{1}{8}$-$\frac{1}{16}$	2	$9\frac{1}{8}$	8	3
2	$0\frac{1}{2}$	5	$11\frac{3}{4}$-$\frac{1}{16}$	2	$4\frac{7}{8}$	7	$1\frac{1}{2}$-$\frac{1}{16}$	2	$9\frac{1}{4}$	8	$3\frac{3}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-$\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
2	$9\frac{3}{8}$	8	$3\frac{3}{4}$	3	$1\frac{3}{4}$	9	$5\frac{1}{2}$	3	$6\frac{1}{8}$	10	$7\frac{1}{8}$-$\frac{1}{16}$
2	$9\frac{1}{2}$	8	$4\frac{1}{8}$	3	$1\frac{7}{8}$	9	$5\frac{7}{8}$	3	$6\frac{1}{4}$	10	$7\frac{5}{8}$
2	$9\frac{5}{8}$	8	$4\frac{1}{2}$	3	2	9	$6\frac{1}{4}$-$\frac{1}{16}$	3	$6\frac{3}{8}$	10	8
2	$9\frac{3}{4}$	8	$4\frac{5}{8}$	3	$2\frac{1}{8}$	9	$6\frac{5}{8}$-$\frac{1}{16}$	3	$6\frac{1}{2}$	10	$8\frac{3}{8}$
2	$9\frac{7}{8}$	8	$5\frac{1}{4}$-$\frac{1}{16}$	3	$2\frac{1}{4}$	9	$7\frac{1}{16}$	3	$6\frac{5}{8}$	10	$8\frac{3}{4}$-$\frac{1}{16}$
2	10	8	$5\frac{3}{8}$-$\frac{1}{16}$	3	$2\frac{3}{8}$	9	$7\frac{3}{8}$-$\frac{1}{16}$	3	$6\frac{3}{4}$	10	$9\frac{1}{8}$-$\frac{1}{16}$
2	$10\frac{1}{8}$	8	$6\frac{1}{16}$	3	$2\frac{1}{2}$	9	$7\frac{3}{4}$-$\frac{1}{16}$	3	$6\frac{7}{8}$	10	$9\frac{5}{8}$
2	$10\frac{1}{4}$	8	$6\frac{1}{2}$	3	$2\frac{5}{8}$	9	$8\frac{1}{8}$-$\frac{1}{16}$	3	7	10	10
2	$10\frac{3}{8}$	8	$6\frac{7}{8}$	3	$2\frac{3}{4}$	9	$8\frac{1}{2}$-$\frac{1}{16}$	3	$7\frac{1}{8}$	10	$10\frac{3}{8}$
2	$10\frac{1}{2}$	8	$7\frac{1}{4}$-$\frac{1}{16}$	3	$2\frac{7}{8}$	9	9	3	$7\frac{1}{4}$	10	$10\frac{3}{4}$-$\frac{1}{16}$
2	$10\frac{5}{8}$	8	$7\frac{5}{8}$-$\frac{1}{16}$	3	3	9	$9\frac{3}{8}$	3	$7\frac{3}{8}$	10	$11\frac{1}{8}$-$\frac{1}{16}$
2	$10\frac{3}{4}$	8	$8\frac{1}{16}$	3	$3\frac{1}{8}$	9	$9\frac{3}{4}$-$\frac{1}{16}$	3	$7\frac{1}{2}$	10	$11\frac{1}{2}$-$\frac{1}{16}$
2	$10\frac{7}{8}$	8	$8\frac{1}{2}$	3	$3\frac{1}{4}$	9	$10\frac{1}{8}$-$\frac{1}{16}$	3	$7\frac{5}{8}$	10	$11\frac{7}{8}$-$\frac{1}{16}$
2	11	8	$8\frac{7}{8}$	3	$3\frac{3}{8}$	9	$10\frac{1}{2}$-$\frac{1}{16}$	3	$7\frac{3}{4}$	11	$0\frac{1}{4}$-$\frac{1}{16}$
2	$11\frac{1}{8}$	8	$9\frac{1}{4}$	3	$3\frac{1}{2}$	9	11	3	$7\frac{7}{8}$	11	$0\frac{5}{8}$-$\frac{1}{16}$
2	$11\frac{1}{4}$	8	$9\frac{5}{8}$	3	$3\frac{5}{8}$	9	$11\frac{3}{8}$	3	8	11	$1\frac{1}{16}$
2	$11\frac{3}{8}$	8	10	3	$3\frac{3}{4}$	9	$11\frac{3}{4}$-$\frac{1}{16}$	3	$8\frac{1}{8}$	11	$1\frac{1}{2}$
2	$11\frac{1}{2}$	8	$10\frac{3}{8}$	3	$3\frac{7}{8}$	10	$0\frac{1}{8}$-$\frac{1}{16}$	3	$8\frac{1}{4}$	11	$1\frac{7}{8}$
2	$11\frac{5}{8}$	8	$10\frac{3}{4}$-$\frac{1}{16}$	3	4	10	$0\frac{1}{2}$-$\frac{1}{16}$	3	$8\frac{3}{8}$	11	$2\frac{1}{4}$-$\frac{1}{16}$
2	$11\frac{3}{4}$	8	$11\frac{1}{8}$	3	$4\frac{1}{8}$	10	1	3	$8\frac{1}{2}$	11	$2\frac{5}{8}$-$\frac{1}{16}$
2	$11\frac{7}{8}$	8	$11\frac{5}{8}$	3	$4\frac{1}{4}$	10	$1\frac{3}{8}$	3	$8\frac{5}{8}$	11	$3\frac{1}{16}$
3	0	9	0	3	$4\frac{3}{8}$	10	$1\frac{3}{4}$	3	$8\frac{3}{4}$	11	$3\frac{1}{2}$
3	$0\frac{1}{8}$	9	$0\frac{3}{8}$	3	$4\frac{1}{2}$	10	$2\frac{1}{8}$	3	$8\frac{7}{8}$	11	$3\frac{7}{8}$
3	$0\frac{1}{4}$	9	$0\frac{3}{4}$-$\frac{1}{16}$	3	$4\frac{5}{8}$	10	$2\frac{1}{2}$	3	9	11	$4\frac{1}{4}$-$\frac{1}{16}$
3	$0\frac{3}{8}$	9	$1\frac{1}{8}$-$\frac{1}{16}$	3	$4\frac{3}{4}$	10	$2\frac{7}{8}$	3	$9\frac{1}{8}$	11	$4\frac{5}{8}$-$\frac{1}{16}$
3	$0\frac{1}{2}$	9	$1\frac{5}{8}$	3	$4\frac{7}{8}$	10	$3\frac{1}{4}$-$\frac{1}{16}$	3	$9\frac{1}{4}$	11	$5\frac{1}{16}$
3	$0\frac{5}{8}$	9	2	3	5	10	$3\frac{5}{8}$-$\frac{1}{16}$	3	$9\frac{3}{8}$	11	$5\frac{3}{8}$-$\frac{1}{16}$
3	$0\frac{3}{4}$	9	$2\frac{3}{8}$	3	$5\frac{1}{8}$	10	$4\frac{1}{8}$	3	$9\frac{1}{2}$	11	$5\frac{3}{4}$-$\frac{1}{16}$
3	$0\frac{7}{8}$	9	$2\frac{3}{4}$	3	$5\frac{1}{4}$	10	$4\frac{1}{2}$	3	$9\frac{5}{8}$	11	$6\frac{1}{8}$-$\frac{1}{16}$
3	1	9	$3\frac{1}{8}$	3	$5\frac{3}{8}$	10	$4\frac{7}{8}$	3	$9\frac{3}{4}$	11	$6\frac{1}{2}$-$\frac{1}{16}$
3	$1\frac{1}{8}$	9	$3\frac{1}{2}$	3	$5\frac{1}{2}$	10	$5\frac{1}{4}$-$\frac{1}{16}$	3	$9\frac{7}{8}$	11	7
3	$1\frac{1}{4}$	9	$3\frac{7}{8}$	3	$5\frac{5}{8}$	10	$5\frac{5}{8}$-$\frac{1}{16}$	3	10	11	$7\frac{3}{8}$
3	$1\frac{3}{8}$	9	$4\frac{1}{4}$-$\frac{1}{16}$	3	$5\frac{3}{4}$	10	$6\frac{1}{16}$	3	$10\frac{1}{8}$	11	$7\frac{3}{4}$-$\frac{1}{16}$
3	$1\frac{1}{2}$	9	$4\frac{5}{8}$-$\frac{1}{16}$	3	$5\frac{7}{8}$	10	$6\frac{3}{8}$-$\frac{1}{16}$	3	$10\frac{1}{4}$	11	$8\frac{1}{16}$-$\frac{1}{16}$
3	$1\frac{5}{8}$	9	$5\frac{1}{16}$	3	6	10	$6\frac{3}{4}$-$\frac{1}{16}$	3	$10\frac{3}{8}$	11	$8\frac{1}{2}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-$\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	$10\frac{1}{2}$	11	9	4	$2\frac{7}{8}$	12	$10\frac{3}{8}$-$\frac{1}{16}$	4	$7\frac{1}{4}$	14	$0\frac{1}{2}$
3	$10\frac{3}{8}$	11	$9\frac{3}{8}$	4	3	12	$11\frac{1}{16}$	4	$7\frac{3}{8}$	14	$0\frac{7}{8}$
3	$10\frac{3}{4}$	11	$9\frac{3}{4}$-$\frac{1}{16}$	4	$3\frac{1}{8}$	12	$11\frac{1}{2}$	4	$7\frac{1}{2}$	14	$1\frac{1}{4}$
3	$10\frac{7}{8}$	11	$10\frac{1}{8}$-$\frac{1}{16}$	4	$3\frac{1}{4}$	12	$11\frac{7}{8}$	4	$7\frac{5}{8}$	14	$1\frac{5}{8}$
3	11	11	$10\frac{1}{2}$-$\frac{1}{16}$	4	$3\frac{3}{8}$	13	$0\frac{1}{4}$-$\frac{1}{16}$	4	$7\frac{3}{4}$	14	2
3	$11\frac{1}{8}$	11	$10\frac{7}{8}$-$\frac{1}{16}$	4	$3\frac{1}{2}$	13	$0\frac{3}{8}$-$\frac{1}{16}$	4	$7\frac{7}{8}$	14	$2\frac{3}{8}$
3	$11\frac{1}{4}$	11	$11\frac{1}{4}$-$\frac{1}{16}$	4	$3\frac{5}{8}$	13	$1\frac{1}{16}$	4	8	14	$2\frac{3}{4}$-$\frac{1}{16}$
3	$11\frac{3}{8}$	11	$11\frac{5}{8}$-$\frac{1}{16}$	4	$3\frac{3}{4}$	13	$1\frac{1}{2}$	4	$8\frac{1}{8}$	14	$3\frac{1}{8}$-$\frac{1}{16}$
3	$11\frac{1}{2}$	12	$0\frac{1}{16}$	4	$3\frac{7}{8}$	13	$1\frac{7}{8}$	4	$8\frac{1}{4}$	14	$3\frac{1}{2}$-$\frac{1}{16}$
3	$11\frac{5}{8}$	12	$0\frac{1}{2}$	4	4	13	$2\frac{1}{4}$-$\frac{1}{16}$	4	$8\frac{3}{8}$	14	4
3	$11\frac{3}{4}$	12	$0\frac{7}{8}$	4	$4\frac{1}{8}$	13	$2\frac{5}{8}$-$\frac{1}{16}$	4	$8\frac{1}{2}$	14	$4\frac{3}{8}$
3	$11\frac{7}{8}$	12	$1\frac{1}{4}$-$\frac{1}{16}$	4	$4\frac{1}{4}$	13	$3\frac{1}{16}$	4	$8\frac{5}{8}$	14	$4\frac{3}{4}$-$\frac{1}{16}$
4	0	12	$1\frac{5}{8}$-$\frac{1}{16}$	4	$4\frac{3}{8}$	13	$3\frac{3}{8}$-$\frac{1}{16}$	4	$8\frac{3}{4}$	14	$5\frac{1}{8}$-$\frac{1}{16}$
4	$0\frac{1}{8}$	12	$2\frac{1}{16}$	4	$4\frac{1}{2}$	13	$3\frac{3}{4}$-$\frac{1}{16}$	4	$8\frac{7}{8}$	14	$5\frac{1}{2}$-$\frac{1}{16}$
4	$0\frac{1}{4}$	12	$2\frac{1}{2}$	4	$4\frac{5}{8}$	13	$4\frac{1}{8}$-$\frac{1}{16}$	4	9	14	6
4	$0\frac{3}{8}$	12	$2\frac{7}{8}$	4	$4\frac{3}{4}$	13	$4\frac{1}{2}$-$\frac{1}{16}$	4	$9\frac{1}{8}$	14	$6\frac{3}{8}$
4	$0\frac{1}{2}$	12	$3\frac{1}{2}$-$\frac{1}{16}$	4	$4\frac{7}{8}$	13	5	4	$9\frac{1}{4}$	14	$6\frac{3}{4}$
4	$0\frac{5}{8}$	12	$3\frac{5}{8}$-$\frac{1}{16}$	4	5	13	$5\frac{3}{8}$	4	$9\frac{3}{8}$	14	$7\frac{1}{8}$
4	$0\frac{3}{4}$	12	$4\frac{1}{16}$	4	$5\frac{1}{8}$	13	$5\frac{3}{4}$-$\frac{1}{16}$	4	$9\frac{1}{2}$	14	$7\frac{1}{2}$
4	$0\frac{7}{8}$	12	$4\frac{3}{8}$-$\frac{1}{16}$	4	$5\frac{1}{4}$	13	$6\frac{1}{8}$-$\frac{1}{16}$	4	$9\frac{5}{8}$	14	$7\frac{7}{8}$
4	1	12	$4\frac{3}{4}$-$\frac{1}{16}$	4	$5\frac{3}{8}$	13	$6\frac{1}{2}$-$\frac{1}{16}$	4	$9\frac{3}{4}$	14	$8\frac{1}{4}$-$\frac{1}{16}$
4	$1\frac{1}{8}$	12	$5\frac{1}{8}$-$\frac{1}{16}$	4	$5\frac{1}{2}$	13	7	4	$9\frac{7}{8}$	14	$8\frac{5}{8}$-$\frac{1}{16}$
4	$1\frac{1}{4}$	12	$5\frac{1}{2}$-$\frac{1}{16}$	4	$5\frac{5}{8}$	13	$7\frac{3}{8}$	4	10	14	$9\frac{1}{8}$
4	$1\frac{3}{8}$	12	6	4	$5\frac{3}{4}$	13	$7\frac{3}{4}$	4	$10\frac{1}{8}$	14	$9\frac{1}{2}$
4	$1\frac{1}{2}$	12	$6\frac{3}{8}$	4	$5\frac{7}{8}$	13	$8\frac{1}{8}$	4	$10\frac{1}{4}$	14	$9\frac{7}{8}$
4	$1\frac{5}{8}$	12	$6\frac{3}{4}$-$\frac{1}{16}$	4	6	13	$8\frac{1}{2}$	4	$10\frac{3}{8}$	14	$10\frac{1}{4}$
4	$1\frac{3}{4}$	12	$7\frac{1}{8}$-$\frac{1}{16}$	4	$6\frac{1}{8}$	13	$8\frac{7}{8}$	4	$10\frac{1}{2}$	14	$10\frac{5}{8}$-$\frac{1}{16}$
4	$1\frac{7}{8}$	12	$7\frac{1}{2}$-$\frac{1}{16}$	4	$6\frac{1}{4}$	13	$9\frac{1}{4}$-$\frac{1}{16}$	4	$10\frac{5}{8}$	14	$11\frac{1}{8}$
4	2	12	8	4	$6\frac{3}{8}$	13	$9\frac{5}{8}$-$\frac{1}{16}$	4	$10\frac{3}{4}$	14	$11\frac{1}{2}$
4	$2\frac{1}{8}$	12	$8\frac{3}{8}$	4	$6\frac{1}{2}$	13	$10\frac{1}{16}$	4	$10\frac{7}{8}$	14	$11\frac{7}{8}$
4	$2\frac{1}{4}$	12	$8\frac{3}{4}$-$\frac{1}{16}$	4	$6\frac{5}{8}$	13	$10\frac{1}{2}$	4	11	15	$0\frac{1}{4}$
4	$2\frac{3}{8}$	12	$9\frac{1}{8}$-$\frac{1}{16}$	4	$6\frac{3}{4}$	13	$10\frac{7}{8}$	4	$11\frac{1}{8}$	15	$0\frac{5}{8}$
4	$2\frac{1}{2}$	12	$9\frac{1}{2}$-$\frac{1}{16}$	4	$6\frac{7}{8}$	13	$11\frac{1}{4}$-$\frac{1}{16}$	4	$11\frac{1}{4}$	15	1
4	$2\frac{5}{8}$	12	$9\frac{7}{8}$-$\frac{1}{16}$	4	7	13	$11\frac{5}{8}$-$\frac{1}{16}$	4	$11\frac{3}{8}$	15	$1\frac{3}{8}$
4	$2\frac{3}{4}$	12	$10\frac{1}{4}$-$\frac{1}{16}$	4	$7\frac{1}{8}$	14	$0\frac{1}{16}$	4	$11\frac{1}{2}$	15	$1\frac{3}{4}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-$\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
4	$11\frac{5}{8}$	15	$2\frac{1}{8}$-$\frac{1}{16}$	5	4	16	4	5	$8\frac{3}{8}$	17	$5\frac{5}{8}$-$\frac{1}{16}$
4	$11\frac{3}{4}$	15	$2\frac{1}{2}$-$\frac{1}{16}$	5	$4\frac{1}{8}$	16	$4\frac{3}{8}$	5	$8\frac{1}{2}$	17	$6\frac{1}{8}$
4	$11\frac{7}{8}$	15	3	5	$4\frac{1}{4}$	16	$4\frac{3}{4}$	5	$8\frac{5}{8}$	17	$6\frac{1}{2}$
5	0	15	$3\frac{3}{8}$	5	$4\frac{3}{8}$	16	$5\frac{1}{8}$	5	$8\frac{3}{4}$	17	$6\frac{7}{8}$
5	$0\frac{1}{8}$	15	$3\frac{3}{4}$-$\frac{1}{16}$	5	$4\frac{1}{2}$	16	$5\frac{1}{2}$	5	$8\frac{7}{8}$	17	$7\frac{1}{4}$
5	$0\frac{1}{4}$	15	$4\frac{1}{8}$-$\frac{1}{16}$	5	$4\frac{5}{8}$	16	$5\frac{7}{8}$	5	9	17	$7\frac{5}{8}$-$\frac{1}{16}$
5	$0\frac{3}{8}$	15	$4\frac{1}{2}$-$\frac{1}{16}$	5	$4\frac{3}{4}$	16	$6\frac{1}{4}$-$\frac{1}{16}$	5	$9\frac{1}{8}$	17	$8\frac{1}{8}$
5	$0\frac{1}{2}$	15	5	5	$4\frac{7}{8}$	16	$6\frac{5}{8}$-$\frac{1}{16}$	5	$9\frac{1}{4}$	17	$8\frac{1}{2}$
5	$0\frac{5}{8}$	15	$5\frac{3}{8}$	5	5	16	$7\frac{1}{8}$	5	$9\frac{3}{8}$	17	$8\frac{7}{8}$
5	$0\frac{3}{4}$	15	$5\frac{3}{4}$	5	$5\frac{1}{8}$	16	$7\frac{1}{2}$	5	$9\frac{1}{2}$	17	$9\frac{1}{4}$
5	$0\frac{7}{8}$	15	$6\frac{1}{8}$	5	$5\frac{1}{4}$	16	$7\frac{7}{8}$	5	$9\frac{5}{8}$	17	$9\frac{5}{8}$
5	1	15	$6\frac{1}{2}$	5	$5\frac{3}{8}$	16	$8\frac{1}{4}$-$\frac{1}{16}$	5	$9\frac{3}{4}$	17	10
5	$1\frac{1}{8}$	15	$6\frac{7}{8}$	5	$5\frac{1}{2}$	16	$8\frac{5}{8}$-$\frac{1}{16}$	5	$9\frac{7}{8}$	17	$10\frac{3}{8}$
5	$1\frac{1}{4}$	15	$7\frac{1}{4}$-$\frac{1}{16}$	5	$5\frac{5}{8}$	16	$9\frac{1}{8}$	5	10	17	$10\frac{3}{4}$-$\frac{1}{16}$
5	$1\frac{3}{8}$	15	$7\frac{5}{8}$-$\frac{1}{16}$	5	$5\frac{3}{4}$	16	$9\frac{1}{2}$	5	$10\frac{1}{8}$	17	$11\frac{1}{8}$-$\frac{1}{16}$
5	$1\frac{1}{2}$	15	$8\frac{1}{8}$	5	$5\frac{7}{8}$	16	$9\frac{7}{8}$	5	$10\frac{1}{4}$	17	$11\frac{1}{2}$-$\frac{1}{16}$
5	$1\frac{5}{8}$	15	$8\frac{1}{2}$	5	6	16	$10\frac{1}{4}$	5	$10\frac{3}{8}$	18	0
5	$1\frac{3}{4}$	15	$8\frac{7}{8}$	5	$6\frac{1}{8}$	16	$10\frac{5}{8}$	5	$10\frac{1}{2}$	18	$0\frac{3}{8}$
5	$1\frac{7}{8}$	15	$9\frac{1}{4}$-$\frac{1}{16}$	5	$6\frac{1}{4}$	16	11	5	$10\frac{5}{8}$	18	$0\frac{3}{4}$-$\frac{1}{16}$
5	2	15	$9\frac{5}{8}$-$\frac{1}{16}$	5	$6\frac{3}{8}$	16	$11\frac{3}{8}$	5	$10\frac{3}{4}$	18	$1\frac{1}{8}$-$\frac{1}{16}$
5	$2\frac{1}{8}$	15	$10\frac{1}{16}$	5	$6\frac{1}{2}$	16	$11\frac{3}{4}$-$\frac{1}{16}$	5	$10\frac{7}{8}$	18	$1\frac{1}{2}$-$\frac{1}{16}$
5	$2\frac{1}{4}$	15	$10\frac{1}{2}$	5	$6\frac{5}{8}$	17	$0\frac{1}{8}$-$\frac{1}{16}$	5	11	18	$1\frac{5}{8}$-$\frac{1}{16}$
5	$2\frac{3}{8}$	15	$10\frac{7}{8}$	5	$6\frac{3}{4}$	17	$0\frac{1}{2}$-$\frac{1}{16}$	5	$11\frac{1}{8}$	18	$2\frac{1}{4}$-$\frac{1}{16}$
5	$2\frac{1}{2}$	15	$11\frac{1}{4}$	5	$6\frac{7}{8}$	17	1	5	$11\frac{1}{4}$	18	$2\frac{5}{8}$-$\frac{1}{16}$
5	$2\frac{5}{8}$	15	$11\frac{5}{8}$	5	7	17	$1\frac{3}{8}$	5	$11\frac{3}{8}$	18	$3\frac{1}{8}$
5	$2\frac{3}{4}$	16	0	5	$7\frac{1}{8}$	17	$1\frac{3}{4}$-$\frac{1}{16}$	5	$11\frac{1}{2}$	18	$3\frac{1}{2}$
5	$2\frac{7}{8}$	16	$0\frac{3}{8}$	5	$7\frac{1}{4}$	17	$2\frac{1}{8}$-$\frac{1}{16}$	5	$11\frac{5}{8}$	18	$3\frac{7}{8}$
5	3	16	$0\frac{3}{4}$-$\frac{1}{16}$	5	$7\frac{3}{8}$	17	$2\frac{1}{2}$-$\frac{1}{16}$	5	$11\frac{3}{4}$	18	$4\frac{1}{4}$-$\frac{1}{16}$
5	$3\frac{1}{8}$	16	$1\frac{1}{8}$-$\frac{1}{16}$	5	$7\frac{1}{2}$	17	3	5	$11\frac{7}{8}$	18	$4\frac{5}{8}$-$\frac{1}{16}$
5	$3\frac{1}{4}$	16	$1\frac{1}{2}$-$\frac{1}{16}$	5	$7\frac{5}{8}$	17	$3\frac{3}{8}$	6	0	18	$5\frac{1}{8}$
5	$3\frac{3}{8}$	16	2	5	$7\frac{3}{4}$	17	$3\frac{3}{4}$	6	$0\frac{1}{8}$	18	$5\frac{1}{2}$
5	$3\frac{1}{2}$	16	$2\frac{3}{8}$	5	$7\frac{7}{8}$	17	$4\frac{1}{8}$	6	$0\frac{1}{4}$	18	$5\frac{7}{8}$
5	$3\frac{5}{8}$	16	$2\frac{3}{4}$-$\frac{1}{16}$	5	8	17	$4\frac{1}{2}$	6	$0\frac{3}{8}$	18	$6\frac{1}{4}$-$\frac{1}{16}$
5	$3\frac{3}{4}$	16	$3\frac{1}{8}$-$\frac{1}{16}$	5	$8\frac{1}{8}$	17	$4\frac{7}{8}$	6	$0\frac{1}{2}$	18	$6\frac{5}{8}$-$\frac{1}{16}$
5	$3\frac{7}{8}$	16	$3\frac{1}{2}$-$\frac{1}{16}$	5	$8\frac{1}{4}$	17	$5\frac{1}{4}$	6	$0\frac{5}{8}$	18	$7\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-$\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
6	$0\frac{3}{4}$	18	$7\frac{3}{8}$-$\frac{1}{16}$	6	$5\frac{1}{8}$	19	$9\frac{1}{8}$-$\frac{1}{16}$	6	$9\frac{1}{2}$	20	$10\frac{7}{8}$
6	$0\frac{7}{8}$	18	$7\frac{3}{4}$-$\frac{1}{16}$	6	$5\frac{1}{4}$	19	$9\frac{1}{2}$-$\frac{1}{16}$	6	$9\frac{5}{8}$	20	$11\frac{1}{4}$-$\frac{1}{16}$
6	1	18	$8\frac{1}{8}$-$\frac{1}{16}$	6	$5\frac{3}{8}$	19	10	6	$9\frac{3}{4}$	20	$11\frac{5}{8}$-$\frac{1}{16}$
6	$1\frac{1}{8}$	18	$8\frac{1}{2}$-$\frac{1}{16}$	6	$5\frac{1}{2}$	19	$10\frac{3}{8}$	6	$9\frac{7}{8}$	21	$0\frac{1}{8}$
6	$1\frac{1}{4}$	18	9	6	$5\frac{5}{8}$	19	$10\frac{3}{4}$-$\frac{1}{16}$	6	10	21	$0\frac{1}{2}$
6	$1\frac{3}{8}$	18	$9\frac{3}{8}$	6	$5\frac{3}{4}$	19	$11\frac{1}{8}$-$\frac{1}{16}$	6	$10\frac{1}{8}$	21	$0\frac{7}{8}$
6	$1\frac{1}{2}$	18	$9\frac{3}{4}$-$\frac{1}{16}$	6	$5\frac{7}{8}$	19	$11\frac{1}{2}$-$\frac{1}{16}$	6	$10\frac{1}{4}$	21	$1\frac{1}{4}$-$\frac{1}{16}$
6	$1\frac{5}{8}$	18	$10\frac{1}{8}$-$\frac{1}{16}$	6	6	19	$11\frac{7}{8}$-$\frac{1}{16}$	6	$10\frac{3}{8}$	21	$1\frac{5}{8}$-$\frac{1}{16}$
6	$1\frac{3}{4}$	18	$10\frac{1}{2}$-$\frac{1}{16}$	6	$6\frac{1}{8}$	20	$0\frac{1}{4}$-$\frac{1}{16}$	6	$10\frac{1}{2}$	21	$2\frac{1}{8}$
6	$1\frac{7}{8}$	18	11	6	$6\frac{1}{4}$	20	$0\frac{5}{8}$-$\frac{1}{16}$	6	$10\frac{5}{8}$	21	$2\frac{1}{2}$
6	2	18	$11\frac{3}{8}$	6	$6\frac{3}{8}$	20	$1\frac{1}{8}$	6	$10\frac{3}{4}$	21	$2\frac{7}{8}$
6	$2\frac{1}{8}$	18	$11\frac{3}{4}$-$\frac{1}{16}$	6	$6\frac{1}{2}$	20	$1\frac{1}{2}$	6	$10\frac{7}{8}$	21	$3\frac{1}{4}$
6	$2\frac{1}{4}$	19	$0\frac{1}{8}$-$\frac{1}{16}$	6	$6\frac{5}{8}$	20	$1\frac{7}{8}$	6	11	21	$3\frac{5}{8}$
6	$2\frac{3}{8}$	19	$0\frac{1}{2}$-$\frac{1}{16}$	6	$6\frac{3}{4}$	20	$2\frac{1}{4}$-$\frac{1}{16}$	6	$11\frac{1}{8}$	21	4
6	$2\frac{1}{2}$	19	$0\frac{7}{8}$-$\frac{1}{16}$	6	$6\frac{7}{8}$	20	$2\frac{5}{8}$-$\frac{1}{16}$	6	$11\frac{1}{4}$	21	$4\frac{3}{8}$
6	$2\frac{5}{8}$	19	$1\frac{1}{4}$-$\frac{1}{16}$	6	7	20	$3\frac{1}{8}$	6	$11\frac{3}{8}$	21	$4\frac{3}{4}$-$\frac{1}{16}$
6	$2\frac{3}{4}$	19	$1\frac{5}{8}$-$\frac{1}{16}$	6	$7\frac{1}{8}$	20	$3\frac{1}{2}$	6	$11\frac{1}{2}$	21	$5\frac{1}{8}$-$\frac{1}{16}$
6	$2\frac{7}{8}$	19	$2\frac{1}{8}$	6	$7\frac{1}{4}$	20	$3\frac{7}{8}$	6	$11\frac{5}{8}$	21	$5\frac{1}{2}$-$\frac{1}{16}$
6	3	19	$2\frac{1}{2}$	6	$7\frac{3}{8}$	20	$4\frac{1}{4}$-$\frac{1}{16}$	6	$11\frac{3}{4}$	21	6
6	$3\frac{1}{8}$	19	$2\frac{7}{8}$	6	$7\frac{1}{2}$	20	$4\frac{5}{8}$-$\frac{1}{16}$	6	$11\frac{7}{8}$	21	$6\frac{3}{8}$
6	$3\frac{1}{4}$	19	$3\frac{1}{4}$-$\frac{1}{16}$	6	$7\frac{5}{8}$	20	$5\frac{1}{16}$	7	0	21	$6\frac{3}{4}$-$\frac{1}{16}$
6	$3\frac{3}{8}$	19	$3\frac{5}{8}$-$\frac{1}{16}$	6	$7\frac{3}{4}$	20	$5\frac{3}{8}$-$\frac{1}{16}$	7	$0\frac{1}{8}$	21	$7\frac{1}{8}$-$\frac{1}{16}$
6	$3\frac{1}{2}$	19	$4\frac{1}{8}$	6	$7\frac{7}{8}$	20	$5\frac{3}{4}$-$\frac{1}{16}$	7	$0\frac{1}{4}$	21	$7\frac{1}{2}$-$\frac{1}{16}$
6	$3\frac{5}{8}$	19	$4\frac{1}{2}$	6	8	20	$6\frac{1}{8}$-$\frac{1}{16}$	7	$0\frac{3}{8}$	21	8
6	$3\frac{3}{4}$	19	$4\frac{7}{8}$	6	$8\frac{1}{8}$	20	$6\frac{1}{2}$-$\frac{1}{16}$	7	$0\frac{1}{2}$	21	$8\frac{3}{8}$
6	$3\frac{7}{8}$	19	$5\frac{1}{4}$-$\frac{1}{16}$	6	$8\frac{1}{4}$	20	7	7	$0\frac{5}{8}$	21	$8\frac{3}{4}$
6	4	19	$5\frac{5}{8}$-$\frac{1}{16}$	6	$8\frac{3}{8}$	20	$7\frac{3}{8}$	7	$0\frac{3}{4}$	21	$9\frac{1}{8}$
6	$4\frac{1}{8}$	19	$6\frac{1}{16}$	6	$8\frac{1}{2}$	20	$7\frac{3}{4}$-$\frac{1}{16}$	7	$0\frac{7}{8}$	21	$9\frac{1}{2}$
6	$4\frac{1}{4}$	19	$6\frac{3}{8}$-$\frac{1}{16}$	6	$8\frac{5}{8}$	20	$8\frac{1}{8}$-$\frac{1}{16}$	7	1	21	$9\frac{7}{8}$
6	$4\frac{3}{8}$	19	$6\frac{3}{4}$-$\frac{1}{16}$	6	$8\frac{3}{4}$	20	$8\frac{1}{2}$-$\frac{1}{16}$	7	$1\frac{1}{8}$	21	$10\frac{1}{4}$-$\frac{1}{16}$
6	$4\frac{1}{2}$	19	$7\frac{1}{8}$-$\frac{1}{16}$	6	$8\frac{7}{8}$	20	9	7	$1\frac{1}{4}$	21	$10\frac{5}{8}$-$\frac{1}{16}$
6	$4\frac{5}{8}$	19	$7\frac{1}{2}$-$\frac{1}{16}$	6	9	20	$9\frac{3}{8}$	7	$1\frac{3}{8}$	21	$11\frac{1}{8}$
6	$4\frac{3}{4}$	19	8	6	$9\frac{1}{8}$	20	$9\frac{3}{4}$	7	$1\frac{1}{2}$	21	$11\frac{1}{2}$
6	$4\frac{7}{8}$	19	$8\frac{3}{8}$	6	$9\frac{1}{4}$	20	$10\frac{1}{8}$	7	$1\frac{5}{8}$	21	$11\frac{7}{8}$
6	5	19	$8\frac{3}{4}$-$\frac{1}{16}$	6	$9\frac{3}{8}$	20	$10\frac{1}{2}$	7	$1\frac{3}{4}$	22	$0\frac{1}{4}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-$\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
7	$1\frac{7}{8}$	22	$0\frac{5}{8}$-$\frac{1}{16}$	7	$6\frac{1}{4}$	23	$2\frac{3}{8}$	7	$10\frac{5}{8}$	24	$4\frac{1}{8}$-$\frac{1}{16}$
7	2	22	$1\frac{1}{8}$	7	$6\frac{3}{8}$	23	$2\frac{3}{4}$-$\frac{1}{16}$	7	$10\frac{3}{4}$	24	$4\frac{1}{2}$-$\frac{1}{16}$
7	$2\frac{1}{8}$	22	$1\frac{1}{2}$	7	$6\frac{1}{2}$	23	$3\frac{1}{8}$-$\frac{1}{16}$	7	$10\frac{7}{8}$	24	5
7	$2\frac{1}{4}$	22	$1\frac{7}{8}$	7	$6\frac{5}{8}$	23	$3\frac{1}{2}$-$\frac{1}{16}$	7	11	24	$5\frac{3}{8}$
7	$2\frac{3}{8}$	22	$2\frac{1}{4}$	7	$6\frac{3}{4}$	23	4	7	$11\frac{1}{8}$	24	$5\frac{3}{4}$
7	$2\frac{1}{2}$	22	$2\frac{3}{8}$	7	$6\frac{7}{8}$	23	$4\frac{3}{8}$	7	$11\frac{1}{4}$	24	$6\frac{1}{8}$
7	$2\frac{5}{8}$	22	3	7	7	23	$4\frac{3}{4}$-$\frac{1}{16}$	7	$11\frac{3}{8}$	24	$6\frac{1}{2}$
7	$2\frac{3}{4}$	22	$3\frac{3}{8}$	7	$7\frac{1}{8}$	23	$5\frac{1}{8}$-$\frac{1}{16}$	7	$11\frac{1}{2}$	24	$6\frac{7}{8}$
7	$2\frac{7}{8}$	22	$3\frac{3}{4}$-$\frac{1}{16}$	7	$7\frac{1}{4}$	23	$5\frac{1}{2}$-$\frac{1}{16}$	7	$11\frac{5}{8}$	24	$7\frac{1}{4}$-$\frac{1}{16}$
7	3	22	$4\frac{1}{8}$-$\frac{1}{16}$	7	$7\frac{3}{8}$	23	6	7	$11\frac{3}{4}$	24	$7\frac{5}{8}$-$\frac{1}{16}$
7	$3\frac{1}{8}$	22	$4\frac{1}{2}$-$\frac{1}{16}$	7	$7\frac{1}{2}$	23	$6\frac{3}{8}$	7	$11\frac{7}{8}$	24	$8\frac{1}{8}$
7	$3\frac{1}{4}$	22	5	7	$7\frac{5}{8}$	23	$6\frac{3}{4}$	8	0	24	$8\frac{1}{2}$
7	$3\frac{3}{8}$	22	$5\frac{3}{8}$	7	$7\frac{3}{4}$	23	$7\frac{1}{8}$	8	$0\frac{1}{8}$	24	$8\frac{7}{8}$
7	$3\frac{1}{2}$	22	$5\frac{3}{4}$-$\frac{1}{16}$	7	$7\frac{7}{8}$	23	$7\frac{1}{2}$	8	$0\frac{1}{4}$	24	$9\frac{1}{4}$-$\frac{1}{16}$
7	$3\frac{5}{8}$	22	$6\frac{1}{8}$-$\frac{1}{16}$	7	8	23	$7\frac{7}{8}$	8	$0\frac{3}{8}$	24	$9\frac{5}{8}$-$\frac{1}{16}$
7	$3\frac{3}{4}$	22	$6\frac{1}{2}$-$\frac{1}{16}$	7	$8\frac{1}{8}$	23	$8\frac{1}{4}$-$\frac{1}{16}$	8	$0\frac{1}{2}$	24	$10\frac{1}{16}$
7	$3\frac{7}{8}$	22	7	7	$8\frac{1}{4}$	23	$8\frac{5}{8}$-$\frac{1}{16}$	8	$0\frac{5}{8}$	24	$10\frac{3}{8}$-$\frac{1}{16}$
7	4	22	$7\frac{3}{8}$	7	$8\frac{3}{8}$	23	$9\frac{1}{16}$	8	$0\frac{3}{4}$	24	$10\frac{3}{4}$-$\frac{1}{16}$
7	$4\frac{1}{8}$	22	$7\frac{3}{4}$	7	$8\frac{1}{2}$	23	$9\frac{1}{2}$	8	$0\frac{7}{8}$	24	$11\frac{1}{8}$-$\frac{1}{16}$
7	$4\frac{1}{4}$	22	$8\frac{1}{8}$	7	$8\frac{5}{8}$	23	$9\frac{7}{8}$	8	1	24	$11\frac{1}{2}$-$\frac{1}{16}$
7	$4\frac{3}{8}$	22	$8\frac{1}{2}$	7	$8\frac{3}{4}$	23	$10\frac{1}{4}$-$\frac{1}{16}$	8	$1\frac{1}{8}$	25	0
7	$4\frac{1}{2}$	22	$8\frac{7}{8}$	7	$8\frac{7}{8}$	23	$10\frac{5}{8}$-$\frac{1}{16}$	8	$1\frac{1}{4}$	25	$0\frac{3}{8}$
7	$4\frac{5}{8}$	22	$9\frac{1}{4}$-$\frac{1}{16}$	7	9	23	$11\frac{1}{16}$	8	$1\frac{3}{8}$	25	$0\frac{3}{4}$-$\frac{1}{16}$
7	$4\frac{3}{4}$	22	$9\frac{5}{8}$-$\frac{1}{16}$	7	$9\frac{1}{8}$	23	$11\frac{3}{8}$-$\frac{1}{16}$	8	$1\frac{1}{2}$	25	$1\frac{1}{8}$-$\frac{1}{16}$
7	$4\frac{7}{8}$	22	$10\frac{1}{8}$	7	$9\frac{1}{4}$	23	$11\frac{3}{4}$-$\frac{1}{16}$	8	$1\frac{5}{8}$	25	$1\frac{1}{2}$-$\frac{1}{16}$
7	5	22	$10\frac{1}{2}$	7	$9\frac{3}{8}$	24	$0\frac{1}{8}$-$\frac{1}{16}$	8	$1\frac{3}{4}$	25	2
7	$5\frac{1}{8}$	22	$10\frac{7}{8}$	7	$9\frac{1}{2}$	24	$0\frac{1}{2}$-$\frac{1}{16}$	8	$1\frac{7}{8}$	25	$2\frac{3}{8}$
7	$5\frac{1}{4}$	22	$11\frac{1}{4}$-$\frac{1}{16}$	7	$9\frac{5}{8}$	24	1	8	2	25	$2\frac{3}{4}$-$\frac{1}{16}$
7	$5\frac{3}{8}$	22	$11\frac{5}{8}$-$\frac{1}{16}$	7	$9\frac{3}{4}$	24	$1\frac{3}{8}$	8	$2\frac{1}{8}$	25	$3\frac{1}{8}$-$\frac{1}{16}$
7	$5\frac{1}{2}$	23	$0\frac{1}{8}$	7	$9\frac{7}{8}$	24	$1\frac{3}{4}$-$\frac{1}{16}$	8	$2\frac{1}{4}$	25	$3\frac{1}{2}$-$\frac{1}{16}$
7	$5\frac{5}{8}$	23	$0\frac{1}{2}$	7	10	24	$2\frac{1}{8}$-$\frac{1}{16}$	8	$2\frac{3}{8}$	25	$3\frac{7}{8}$-$\frac{1}{16}$
7	$5\frac{3}{4}$	23	$0\frac{7}{8}$	7	$10\frac{1}{8}$	24	$2\frac{1}{2}$-$\frac{1}{16}$	8	$2\frac{1}{2}$	25	$4\frac{1}{4}$-$\frac{1}{16}$
7	$5\frac{7}{8}$	23	$1\frac{1}{4}$	7	$10\frac{1}{4}$	24	3	8	$2\frac{5}{8}$	25	$4\frac{5}{8}$-$\frac{1}{16}$
7	6	23	$1\frac{5}{8}$	7	$10\frac{3}{8}$	24	$3\frac{3}{8}$	8	$2\frac{3}{4}$	25	$5\frac{1}{8}$
7	$6\frac{1}{8}$	23	2	7	$10\frac{1}{2}$	24	$3\frac{3}{4}$-$\frac{1}{16}$	8	$2\frac{7}{8}$	25	$5\frac{1}{2}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-$\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
8	3	25	$5\frac{7}{8}$	8	$7\frac{3}{8}$	26	$7\frac{5}{8}$	8	$11\frac{3}{4}$	27	$9\frac{3}{8}$
8	$3\frac{1}{8}$	25	$6\frac{1}{4}$-$\frac{1}{16}$	8	$7\frac{1}{2}$	26	8	8	$11\frac{7}{8}$	27	$9\frac{3}{4}$
8	$3\frac{1}{4}$	25	$6\frac{5}{8}$-$\frac{1}{16}$	8	$7\frac{5}{8}$	26	$8\frac{3}{8}$-$\frac{1}{16}$	9	0	27	$10\frac{1}{8}$
8	$3\frac{3}{8}$	25	$7\frac{1}{8}$	8	$7\frac{3}{4}$	26	$8\frac{3}{4}$-$\frac{1}{16}$	9	$0\frac{1}{8}$	27	$10\frac{1}{2}$
8	$3\frac{1}{2}$	25	$7\frac{1}{2}$	8	$7\frac{7}{8}$	26	$9\frac{1}{8}$-$\frac{1}{16}$	9	$0\frac{1}{4}$	27	$10\frac{7}{8}$-$\frac{1}{16}$
8	$3\frac{5}{8}$	25	$7\frac{7}{8}$	8	8	26	$9\frac{1}{2}$-$\frac{1}{16}$	9	$0\frac{3}{8}$	27	$11\frac{1}{4}$-$\frac{1}{16}$
8	$3\frac{3}{4}$	25	$8\frac{1}{4}$-$\frac{1}{16}$	8	$8\frac{1}{8}$	26	10	9	$0\frac{1}{2}$	27	$11\frac{3}{4}$
8	$3\frac{7}{8}$	25	$8\frac{5}{8}$-$\frac{1}{16}$	8	$8\frac{1}{4}$	26	$10\frac{3}{8}$	9	$0\frac{5}{8}$	28	$0\frac{1}{8}$
8	4	25	$9\frac{1}{16}$	8	$8\frac{3}{8}$	26	$10\frac{3}{4}$	9	$0\frac{3}{4}$	28	$0\frac{1}{2}$
8	$4\frac{1}{8}$	25	$9\frac{3}{8}$-$\frac{1}{16}$	8	$8\frac{1}{2}$	26	$11\frac{1}{8}$-$\frac{1}{16}$	9	$0\frac{7}{8}$	28	$0\frac{7}{8}$
8	$4\frac{1}{4}$	25	$9\frac{3}{4}$-$\frac{1}{16}$	8	$8\frac{5}{8}$	26	$11\frac{1}{2}$-$\frac{1}{16}$	9	1	28	$1\frac{1}{4}$-$\frac{1}{16}$
8	$4\frac{3}{8}$	25	$10\frac{1}{8}$-$\frac{1}{16}$	8	$8\frac{3}{4}$	26	$11\frac{7}{8}$-$\frac{1}{16}$	9	$1\frac{1}{8}$	28	$1\frac{5}{8}$-$\frac{1}{16}$
8	$4\frac{1}{2}$	25	$10\frac{1}{2}$-$\frac{1}{16}$	8	$8\frac{7}{8}$	27	$0\frac{1}{4}$-$\frac{1}{16}$	9	$1\frac{1}{4}$	28	$2\frac{1}{16}$
8	$4\frac{5}{8}$	25	11	8	9	27	$0\frac{5}{8}$-$\frac{1}{16}$	9	$1\frac{3}{8}$	28	$2\frac{1}{2}$
8	$4\frac{3}{4}$	25	$11\frac{3}{8}$	8	$9\frac{1}{8}$	27	$1\frac{1}{16}$	9	$1\frac{1}{2}$	28	$2\frac{7}{8}$
8	$4\frac{7}{8}$	25	$11\frac{3}{4}$-$\frac{1}{16}$	8	$9\frac{1}{4}$	27	$1\frac{1}{2}$	9	$1\frac{5}{8}$	28	$3\frac{1}{4}$
8	5	26	$0\frac{1}{8}$-$\frac{1}{16}$	8	$9\frac{3}{8}$	27	$1\frac{7}{8}$-$\frac{1}{16}$	9	$1\frac{3}{4}$	28	$3\frac{5}{8}$
8	$5\frac{1}{8}$	26	$0\frac{1}{2}$-$\frac{1}{16}$	8	$9\frac{1}{2}$	27	$2\frac{1}{4}$-$\frac{1}{16}$	9	$1\frac{7}{8}$	28	4
8	$5\frac{1}{4}$	26	1	8	$9\frac{5}{8}$	27	$2\frac{5}{8}$-$\frac{1}{16}$	9	2	28	$4\frac{3}{8}$-$\frac{1}{16}$
8	$5\frac{3}{8}$	26	$1\frac{3}{8}$	8	$9\frac{3}{4}$	27	$3\frac{1}{16}$	9	$2\frac{1}{8}$	28	$4\frac{7}{8}$
8	$5\frac{1}{2}$	26	$1\frac{3}{4}$-$\frac{1}{16}$	8	$9\frac{7}{8}$	27	$3\frac{1}{2}$	9	$2\frac{1}{4}$	28	$5\frac{1}{4}$
8	$5\frac{5}{8}$	26	$2\frac{1}{8}$-$\frac{1}{16}$	8	10	27	$3\frac{7}{8}$	9	$2\frac{3}{8}$	28	$5\frac{5}{8}$
8	$5\frac{3}{4}$	26	$2\frac{1}{2}$-$\frac{1}{16}$	8	$10\frac{1}{8}$	27	$4\frac{1}{4}$	9	$2\frac{1}{2}$	28	6
8	$5\frac{7}{8}$	26	$2\frac{7}{8}$-$\frac{1}{16}$	8	$10\frac{1}{4}$	27	$4\frac{5}{8}$-$\frac{1}{16}$	9	$2\frac{5}{8}$	28	$6\frac{3}{8}$
8	6	26	$3\frac{1}{4}$-$\frac{1}{16}$	8	$10\frac{3}{8}$	27	$5\frac{1}{16}$	9	$2\frac{3}{4}$	28	$6\frac{3}{4}$-$\frac{1}{16}$
8	$6\frac{1}{8}$	26	$3\frac{5}{8}$-$\frac{1}{16}$	8	$10\frac{1}{2}$	27	$5\frac{5}{8}$-$\frac{1}{16}$	9	$2\frac{7}{8}$	28	$7\frac{1}{8}$-$\frac{1}{16}$
8	$6\frac{1}{4}$	26	$4\frac{1}{8}$	8	$10\frac{5}{8}$	27	$5\frac{3}{4}$-$\frac{1}{16}$	9	3	28	$7\frac{1}{2}$-$\frac{1}{16}$
8	$6\frac{3}{8}$	26	$4\frac{1}{2}$	8	$10\frac{3}{4}$	27	$6\frac{1}{4}$	9	$3\frac{1}{8}$	28	8
8	$6\frac{1}{2}$	26	$4\frac{7}{8}$	8	$10\frac{7}{8}$	27	$6\frac{5}{8}$	9	$3\frac{1}{4}$	28	$8\frac{3}{8}$
8	$6\frac{5}{8}$	26	$5\frac{1}{4}$-$\frac{1}{16}$	8	11	27	7	9	$3\frac{3}{8}$	28	$8\frac{3}{4}$
8	$6\frac{3}{4}$	26	$5\frac{5}{8}$-$\frac{1}{16}$	8	$11\frac{1}{8}$	27	$7\frac{3}{8}$-$\frac{1}{16}$	9	$3\frac{1}{2}$	28	$9\frac{1}{8}$
8	$6\frac{7}{8}$	26	$6\frac{1}{16}$	8	$11\frac{1}{4}$	27	$7\frac{3}{4}$-$\frac{1}{16}$	9	$3\frac{5}{8}$	28	$9\frac{1}{2}$
8	7	26	$6\frac{3}{8}$-$\frac{1}{16}$	8	$11\frac{3}{8}$	27	$8\frac{1}{8}$-$\frac{1}{16}$	9	$3\frac{3}{4}$	28	$9\frac{7}{8}$-$\frac{1}{16}$
8	$7\frac{1}{8}$	26	$6\frac{3}{4}$-$\frac{1}{16}$	8	$11\frac{1}{2}$	27	$8\frac{1}{2}$-$\frac{1}{16}$	9	$3\frac{7}{8}$	28	$10\frac{1}{4}$-$\frac{1}{16}$
8	$7\frac{1}{4}$	26	$7\frac{1}{4}$	8	$11\frac{5}{8}$	27	9	9	4	28	$10\frac{3}{4}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-$\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
9	$4\frac{1}{8}$	28	$11\frac{1}{8}$	9	$8\frac{1}{2}$	30	$0\frac{7}{8}$	10	$0\frac{7}{8}$	31	$2\frac{5}{8}$
9	$4\frac{1}{4}$	28	$11\frac{1}{2}$	9	$8\frac{5}{8}$	30	$1\frac{1}{4}$	10	1	31	3
9	$4\frac{3}{8}$	28	$11\frac{7}{8}$	9	$8\frac{3}{4}$	30	$1\frac{5}{8}$	10	$1\frac{1}{8}$	31	$3\frac{3}{8}$
9	$4\frac{1}{2}$	29	$0\frac{1}{4}$-$\frac{1}{16}$	9	$8\frac{7}{8}$	30	2	10	$1\frac{1}{4}$	31	$3\frac{3}{4}$
9	$4\frac{5}{8}$	29	$0\frac{5}{8}$-$\frac{1}{16}$	9	9	30	$2\frac{3}{8}$-$\frac{1}{16}$	10	$1\frac{3}{8}$	31	$4\frac{1}{8}$
9	$4\frac{3}{4}$	29	$1\frac{1}{16}$	9	$9\frac{1}{8}$	30	$2\frac{3}{4}$-$\frac{1}{16}$	10	$1\frac{1}{2}$	31	$4\frac{1}{2}$-$\frac{1}{16}$
9	$4\frac{7}{8}$	29	$1\frac{1}{2}$	9	$9\frac{1}{4}$	30	$3\frac{1}{4}$	10	$1\frac{5}{8}$	31	5
9	5	29	$1\frac{7}{8}$	9	$9\frac{3}{8}$	30	$3\frac{5}{8}$	10	$1\frac{3}{4}$	31	$5\frac{3}{8}$
9	$5\frac{1}{8}$	29	$2\frac{1}{4}$	9	$9\frac{1}{2}$	30	4	10	$1\frac{7}{8}$	31	$5\frac{3}{4}$
9	$5\frac{1}{4}$	29	$2\frac{5}{8}$	9	$9\frac{5}{8}$	30	$4\frac{3}{8}$	10	2	31	$6\frac{1}{8}$
9	$5\frac{3}{8}$	29	3	9	$9\frac{3}{4}$	30	$4\frac{3}{4}$	10	$2\frac{1}{8}$	31	$6\frac{1}{2}$
9	$5\frac{1}{2}$	29	$3\frac{3}{8}$-$\frac{1}{16}$	9	$9\frac{7}{8}$	30	$5\frac{1}{8}$-$\frac{1}{16}$	10	$2\frac{1}{4}$	31	$6\frac{7}{8}$-$\frac{1}{16}$
9	$5\frac{5}{8}$	29	$3\frac{3}{4}$-$\frac{1}{16}$	9	10	30	$5\frac{1}{2}$-$\frac{1}{16}$	10	$2\frac{3}{8}$	31	$7\frac{1}{4}$-$\frac{1}{16}$
9	$5\frac{3}{4}$	29	$4\frac{1}{4}$	9	$10\frac{1}{8}$	30	6	10	$2\frac{1}{2}$	31	$7\frac{5}{8}$-$\frac{1}{16}$
9	$5\frac{7}{8}$	29	$4\frac{5}{8}$	9	$10\frac{1}{4}$	30	$6\frac{3}{8}$	10	$2\frac{5}{8}$	31	$8\frac{1}{8}$
9	6	29	5	9	$10\frac{3}{8}$	30	$6\frac{3}{4}$	10	$2\frac{3}{4}$	31	$8\frac{1}{2}$
9	$6\frac{1}{8}$	29	$5\frac{3}{8}$	9	$10\frac{1}{2}$	30	$7\frac{1}{8}$	10	$2\frac{7}{8}$	31	$8\frac{7}{8}$
9	$6\frac{1}{4}$	29	$5\frac{3}{4}$-$\frac{1}{16}$	9	$10\frac{5}{8}$	30	$7\frac{1}{2}$	10	3	31	$9\frac{1}{4}$
9	$6\frac{3}{8}$	29	$6\frac{1}{8}$-$\frac{1}{16}$	9	$10\frac{3}{4}$	30	$7\frac{7}{8}$-$\frac{1}{16}$	10	$3\frac{1}{8}$	31	$9\frac{5}{8}$-$\frac{1}{16}$
9	$6\frac{1}{2}$	29	$6\frac{1}{2}$-$\frac{1}{16}$	9	$10\frac{7}{8}$	30	$8\frac{1}{4}$-$\frac{1}{16}$	10	$3\frac{1}{4}$	31	$10\frac{1}{16}$
9	$6\frac{5}{8}$	29	7	9	11	30	$8\frac{3}{4}$	10	$3\frac{3}{8}$	31	$10\frac{3}{8}$-$\frac{1}{16}$
9	$6\frac{3}{4}$	29	$7\frac{3}{8}$	9	$11\frac{1}{8}$	30	$9\frac{1}{8}$	10	$3\frac{1}{2}$	31	$10\frac{7}{8}$
9	$6\frac{7}{8}$	29	$7\frac{3}{4}$	9	$11\frac{1}{4}$	30	$9\frac{1}{2}$	10	$3\frac{5}{8}$	31	$11\frac{1}{4}$
9	7	29	$8\frac{1}{8}$	9	$11\frac{3}{8}$	30	$9\frac{7}{8}$	10	$3\frac{3}{4}$	31	$11\frac{5}{8}$
9	$7\frac{1}{8}$	29	$8\frac{1}{2}$-$\frac{1}{16}$	9	$11\frac{1}{2}$	30	$10\frac{1}{4}$	10	$3\frac{7}{8}$	32	0
9	$7\frac{1}{4}$	29	$8\frac{7}{8}$-$\frac{1}{16}$	9	$11\frac{5}{8}$	30	$10\frac{5}{8}$-$\frac{1}{16}$	10	4	32	$0\frac{3}{8}$-$\frac{1}{16}$
9	$7\frac{3}{8}$	29	$9\frac{1}{4}$-$\frac{1}{16}$	9	$11\frac{3}{4}$	30	$11\frac{1}{16}$	10	$4\frac{1}{8}$	32	$0\frac{3}{4}$-$\frac{1}{16}$
9	$7\frac{1}{2}$	29	$9\frac{3}{4}$	9	$11\frac{7}{8}$	30	$11\frac{3}{8}$-$\frac{1}{16}$	10	$4\frac{1}{4}$	32	$1\frac{1}{8}$-$\frac{1}{16}$
9	$7\frac{5}{8}$	29	$10\frac{1}{8}$	10	0	30	$11\frac{3}{4}$-$\frac{1}{16}$	10	$4\frac{3}{8}$	32	$1\frac{5}{8}$
9	$7\frac{3}{4}$	29	$10\frac{1}{2}$	10	$0\frac{1}{8}$	31	$0\frac{1}{4}$	10	$4\frac{1}{2}$	32	2
9	$7\frac{7}{8}$	29	$10\frac{7}{8}$	10	$0\frac{1}{4}$	31	$0\frac{5}{8}$	10	$4\frac{5}{8}$	32	$2\frac{3}{8}$
9	8	19	$11\frac{1}{4}$-$\frac{1}{16}$	10	$0\frac{3}{8}$	31	1	10	$4\frac{3}{4}$	32	$2\frac{3}{4}$-$\frac{1}{16}$
9	$8\frac{1}{8}$	29	$11\frac{5}{8}$-$\frac{1}{16}$	10	$0\frac{1}{2}$	31	$1\frac{3}{8}$-$\frac{1}{16}$	10	$4\frac{7}{8}$	32	$3\frac{1}{8}$-$\frac{1}{16}$
9	$8\frac{1}{4}$	30	$0\frac{1}{16}$	10	$0\frac{5}{8}$	31	$1\frac{3}{4}$-$\frac{1}{16}$	10	5	32	$3\frac{1}{2}$-$\frac{1}{16}$
9	$8\frac{3}{8}$	30	$0\frac{3}{8}$-$\frac{1}{16}$	10	$0\frac{3}{4}$	31	$2\frac{1}{4}$	10	$5\frac{1}{8}$	32	$3\frac{7}{8}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-$\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
10	$5\frac{1}{4}$	32	$4\frac{3}{8}$	10	$9\frac{5}{8}$	33	$6\frac{1}{16}$	11	2	34	$7\frac{3}{4}$-$\frac{1}{16}$
10	$5\frac{3}{8}$	32	$4\frac{3}{4}$	10	$9\frac{3}{4}$	33	$6\frac{1}{2}$	11	$2\frac{1}{8}$	34	$8\frac{1}{4}$
10	$5\frac{1}{2}$	32	$5\frac{1}{8}$	10	$9\frac{7}{8}$	33	$6\frac{7}{8}$	11	$2\frac{1}{4}$	34	$8\frac{5}{8}$
10	$5\frac{5}{8}$	32	$5\frac{1}{2}$	10	10	33	$7\frac{1}{4}$	11	$2\frac{3}{8}$	34	9
10	$5\frac{3}{4}$	32	$5\frac{7}{8}$-$\frac{1}{16}$	10	$10\frac{1}{8}$	33	$7\frac{5}{8}$-$\frac{1}{16}$	11	$2\frac{1}{2}$	34	$9\frac{3}{8}$
10	$5\frac{7}{8}$	32	$6\frac{1}{4}$-$\frac{1}{16}$	10	$10\frac{1}{4}$	33	$8\frac{1}{16}$	11	$2\frac{5}{8}$	34	$9\frac{3}{4}$-$\frac{1}{16}$
10	6	32	$6\frac{5}{8}$-$\frac{1}{16}$	10	$10\frac{3}{8}$	33	$8\frac{3}{8}$-$\frac{1}{16}$	11	$2\frac{3}{4}$	34	$10\frac{1}{8}$-$\frac{1}{16}$
10	$6\frac{1}{8}$	32	$7\frac{1}{8}$	10	$10\frac{1}{2}$	33	$8\frac{7}{8}$	11	$2\frac{7}{8}$	34	$10\frac{1}{2}$-$\frac{1}{16}$
10	$6\frac{1}{4}$	32	$7\frac{1}{2}$	10	$10\frac{5}{8}$	33	$9\frac{1}{4}$	11	3	34	11
10	$6\frac{3}{8}$	32	$7\frac{7}{8}$	10	$10\frac{3}{4}$	33	$9\frac{5}{8}$	11	$3\frac{1}{8}$	34	$11\frac{3}{8}$
10	$6\frac{1}{2}$	32	$8\frac{1}{4}$	10	$10\frac{7}{8}$	33	10	11	$3\frac{1}{4}$	34	$11\frac{3}{4}$
10	$6\frac{5}{8}$	32	$8\frac{5}{8}$-$\frac{1}{16}$	10	11	33	$10\frac{3}{8}$-$\frac{1}{16}$	11	$3\frac{3}{8}$	35	$0\frac{1}{8}$
10	$6\frac{3}{4}$	32	$9\frac{1}{16}$	10	$11\frac{1}{8}$	33	$10\frac{3}{4}$-$\frac{1}{16}$	11	$3\frac{1}{2}$	35	$0\frac{1}{2}$-$\frac{1}{16}$
10	$6\frac{7}{8}$	32	$9\frac{3}{8}$-$\frac{1}{16}$	10	$11\frac{1}{4}$	33	$11\frac{1}{8}$-$\frac{1}{16}$	11	$3\frac{5}{8}$	35	$0\frac{7}{8}$-$\frac{1}{16}$
10	7	32	$9\frac{3}{4}$-$\frac{1}{16}$	10	$11\frac{3}{8}$	33	$11\frac{1}{2}$-$\frac{1}{16}$	11	$3\frac{3}{4}$	35	$1\frac{1}{4}$-$\frac{1}{16}$
10	$7\frac{1}{8}$	32	$10\frac{1}{4}$	10	$11\frac{1}{2}$	34	0	11	$3\frac{7}{8}$	35	$1\frac{3}{4}$
10	$7\frac{1}{4}$	32	$10\frac{5}{8}$	10	$11\frac{5}{8}$	34	$0\frac{3}{8}$	11	4	35	$2\frac{1}{8}$
10	$7\frac{3}{8}$	32	11	10	$11\frac{3}{4}$	34	$0\frac{3}{4}$	11	$4\frac{1}{8}$	35	$2\frac{1}{2}$
10	$7\frac{1}{2}$	32	$11\frac{3}{8}$-$\frac{1}{16}$	10	$11\frac{7}{8}$	34	$1\frac{1}{8}$-$\frac{1}{16}$	11	$4\frac{1}{4}$	35	$2\frac{7}{8}$
10	$7\frac{5}{8}$	32	$11\frac{3}{4}$-$\frac{1}{16}$	11	0	34	$1\frac{1}{2}$-$\frac{1}{16}$	11	$4\frac{3}{8}$	35	$3\frac{1}{4}$-$\frac{1}{16}$
10	$7\frac{3}{4}$	33	$0\frac{1}{4}$	11	$0\frac{1}{8}$	34	$1\frac{7}{8}$-$\frac{1}{16}$	11	$4\frac{1}{2}$	35	$3\frac{5}{8}$-$\frac{1}{16}$
10	$7\frac{7}{8}$	33	$0\frac{5}{8}$	11	$0\frac{1}{4}$	34	$2\frac{1}{4}$-$\frac{1}{16}$	11	$4\frac{5}{8}$	35	$4\frac{1}{16}$
10	8	33	1	11	$0\frac{3}{8}$	34	$2\frac{3}{4}$	11	$4\frac{3}{4}$	35	$4\frac{1}{2}$
10	$8\frac{1}{8}$	33	$1\frac{3}{8}$	11	$0\frac{1}{2}$	34	$3\frac{1}{8}$	11	$4\frac{7}{8}$	35	$4\frac{7}{8}$
10	$8\frac{1}{4}$	33	$1\frac{3}{4}$	11	$0\frac{5}{8}$	34	$3\frac{1}{2}$	11	5	35	$5\frac{1}{4}$
10	$8\frac{3}{8}$	33	$2\frac{1}{8}$-$\frac{1}{16}$	11	$0\frac{3}{4}$	34	$3\frac{7}{8}$-$\frac{1}{16}$	11	$5\frac{1}{8}$	35	$5\frac{5}{8}$
10	$8\frac{1}{2}$	33	$2\frac{1}{2}$-$\frac{1}{16}$	11	$0\frac{7}{8}$	34	$4\frac{1}{4}$-$\frac{1}{16}$	11	$5\frac{1}{4}$	35	$6\frac{1}{16}$
10	$8\frac{5}{8}$	33	3	11	1	34	$4\frac{5}{8}$-$\frac{1}{16}$	11	$5\frac{3}{8}$	35	$6\frac{3}{8}$-$\frac{1}{16}$
10	$8\frac{3}{4}$	33	$3\frac{3}{8}$	11	$1\frac{1}{8}$	34	$5\frac{1}{16}$	11	$5\frac{1}{2}$	35	$6\frac{3}{4}$-$\frac{1}{16}$
10	$8\frac{7}{8}$	33	$3\frac{3}{4}$	11	$1\frac{1}{4}$	34	$5\frac{1}{2}$	11	$5\frac{5}{8}$	35	$7\frac{1}{4}$
10	9	33	$4\frac{1}{8}$	11	$1\frac{3}{8}$	34	$5\frac{7}{8}$	11	$5\frac{3}{4}$	35	$7\frac{5}{8}$
10	$9\frac{1}{8}$	33	$4\frac{1}{2}$	11	$1\frac{1}{2}$	34	$6\frac{1}{4}$	11	$5\frac{7}{8}$	35	8
10	$9\frac{1}{4}$	33	$4\frac{7}{8}$	11	$1\frac{5}{8}$	34	$6\frac{5}{8}$-$\frac{1}{16}$	11	6	35	$8\frac{3}{8}$-$\frac{1}{16}$
10	$9\frac{3}{8}$	33	$5\frac{1}{4}$-$\frac{1}{16}$	11	$1\frac{3}{4}$	34	$7\frac{1}{16}$	11	$6\frac{1}{8}$	35	$8\frac{3}{4}$-$\frac{1}{16}$
10	$9\frac{1}{2}$	33	$5\frac{5}{8}$-$\frac{1}{16}$	11	$1\frac{7}{8}$	34	$7\frac{3}{8}$-$\frac{1}{16}$	11	$6\frac{1}{4}$	35	$9\frac{1}{8}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-$\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
11	$6\frac{3}{8}$	35	$9\frac{1}{2}$-$\frac{1}{16}$	11	$10\frac{3}{4}$	36	$11\frac{1}{4}$-$\frac{1}{16}$	12	$3\frac{1}{8}$	38	$1\frac{1}{8}$
11	$6\frac{1}{2}$	35	10	11	$10\frac{7}{8}$	36	$11\frac{3}{4}$	12	$3\frac{1}{4}$	38	$1\frac{1}{2}$
11	$6\frac{5}{8}$	35	$10\frac{3}{8}$	11	11	37	$0\frac{1}{8}$	12	$3\frac{3}{8}$	38	$1\frac{7}{8}$
11	$6\frac{3}{4}$	35	$10\frac{3}{4}$	11	$11\frac{1}{8}$	37	$0\frac{1}{2}$	12	$3\frac{1}{2}$	38	$2\frac{1}{4}$
11	$6\frac{7}{8}$	35	$11\frac{1}{8}$	11	$11\frac{1}{4}$	37	$0\frac{7}{8}$	12	$3\frac{5}{8}$	38	$2\frac{5}{8}$
11	7	35	$11\frac{1}{2}$-$\frac{1}{16}$	11	$11\frac{3}{8}$	37	$1\frac{1}{4}$-$\frac{1}{16}$	12	$3\frac{3}{4}$	38	3
11	$7\frac{1}{8}$	35	$11\frac{7}{8}$-$\frac{1}{16}$	11	$11\frac{1}{2}$	37	$1\frac{3}{8}$-$\frac{1}{16}$	12	$3\frac{7}{8}$	38	$3\frac{3}{8}$
11	$7\frac{1}{4}$	36	$0\frac{1}{4}$-$\frac{1}{16}$	11	$11\frac{5}{8}$	37	$2\frac{1}{16}$	12	4	38	$3\frac{3}{4}$-$\frac{1}{16}$
11	$7\frac{3}{8}$	36	$0\frac{5}{8}$-$\frac{1}{16}$	11	$11\frac{3}{4}$	37	$2\frac{3}{8}$-$\frac{1}{16}$	12	$4\frac{1}{8}$	38	$4\frac{1}{8}$-$\frac{1}{16}$
11	$7\frac{1}{2}$	36	$1\frac{1}{8}$	11	$11\frac{7}{8}$	37	$2\frac{7}{8}$	12	$4\frac{1}{4}$	38	$4\frac{5}{8}$
11	$7\frac{5}{8}$	36	$1\frac{1}{2}$	12	0	37	$3\frac{1}{4}$	12	$4\frac{3}{8}$	38	5
11	$7\frac{3}{4}$	36	$1\frac{7}{8}$	12	$0\frac{1}{8}$	37	$3\frac{5}{8}$	12	$4\frac{1}{2}$	38	$5\frac{3}{8}$
11	$7\frac{7}{8}$	36	$2\frac{1}{4}$-$\frac{1}{16}$	12	$0\frac{1}{4}$	37	$4\frac{1}{16}$	12	$4\frac{5}{8}$	38	$5\frac{3}{4}$-$\frac{1}{16}$
11	8	36	$2\frac{5}{8}$-$\frac{1}{16}$	12	$0\frac{3}{8}$	37	$4\frac{3}{8}$-$\frac{1}{16}$	12	$4\frac{3}{4}$	38	$6\frac{1}{4}$
11	$8\frac{1}{8}$	36	$3\frac{1}{16}$	12	$0\frac{1}{2}$	37	$4\frac{3}{4}$-$\frac{1}{16}$	12	$4\frac{7}{8}$	38	$6\frac{5}{8}$
11	$8\frac{1}{4}$	36	$3\frac{1}{2}$	12	$0\frac{5}{8}$	37	$5\frac{1}{4}$	12	5	38	7
11	$8\frac{3}{8}$	36	$3\frac{7}{8}$	12	$0\frac{3}{4}$	37	$5\frac{5}{8}$	12	$5\frac{1}{8}$	38	$7\frac{3}{8}$
11	$8\frac{1}{2}$	36	$4\frac{1}{4}$	12	$0\frac{7}{8}$	37	6	12	$5\frac{1}{4}$	38	$7\frac{3}{4}$
11	$8\frac{5}{8}$	36	$4\frac{5}{8}$	12	1	37	$6\frac{3}{8}$	12	$5\frac{3}{8}$	38	$8\frac{1}{8}$
11	$8\frac{3}{4}$	36	5	12	$1\frac{1}{8}$	37	$6\frac{3}{4}$	12	$5\frac{1}{2}$	38	$8\frac{1}{2}$-$\frac{1}{16}$
11	$8\frac{7}{8}$	36	$5\frac{3}{8}$-$\frac{1}{16}$	12	$1\frac{1}{4}$	37	$7\frac{1}{8}$-$\frac{1}{16}$	12	$5\frac{5}{8}$	38	$8\frac{7}{8}$-$\frac{1}{16}$
11	9	36	$5\frac{3}{4}$-$\frac{1}{16}$	12	$1\frac{3}{8}$	37	$7\frac{1}{2}$-$\frac{1}{16}$	12	$5\frac{3}{4}$	38	$9\frac{1}{4}$-$\frac{1}{16}$
11	$9\frac{1}{8}$	36	$6\frac{1}{4}$	12	$1\frac{1}{2}$	37	$7\frac{7}{8}$-$\frac{1}{16}$	12	$5\frac{7}{8}$	38	$9\frac{3}{4}$
11	$9\frac{1}{4}$	36	$6\frac{5}{8}$	12	$1\frac{5}{8}$	37	$8\frac{3}{8}$	12	6	38	$10\frac{1}{8}$
11	$9\frac{3}{8}$	36	7	12	$1\frac{3}{4}$	37	$8\frac{3}{4}$	12	$6\frac{1}{8}$	38	$10\frac{1}{2}$
11	$9\frac{1}{2}$	36	$7\frac{3}{8}$	12	$1\frac{7}{8}$	37	$9\frac{1}{8}$	12	$6\frac{1}{4}$	38	$10\frac{7}{8}$
11	$9\frac{5}{8}$	36	$7\frac{3}{4}$-$\frac{1}{16}$	12	2	37	$9\frac{1}{2}$	12	$6\frac{3}{8}$	38	$11\frac{1}{4}$
11	$9\frac{3}{4}$	36	$8\frac{1}{8}$-$\frac{1}{16}$	12	$2\frac{1}{8}$	37	$9\frac{7}{8}$	12	$6\frac{1}{2}$	38	$11\frac{5}{8}$-$\frac{1}{16}$
11	$9\frac{7}{8}$	36	$8\frac{1}{2}$-$\frac{1}{16}$	12	$2\frac{1}{4}$	37	$10\frac{1}{4}$-$\frac{1}{16}$	12	$6\frac{5}{8}$	39	$0\frac{1}{16}$
11	10	36	9	12	$2\frac{3}{8}$	37	$10\frac{3}{4}$	12	$6\frac{3}{4}$	39	$0\frac{3}{8}$-$\frac{1}{16}$
11	$10\frac{1}{8}$	36	$9\frac{3}{8}$	12	$2\frac{1}{2}$	37	$11\frac{1}{8}$	12	$6\frac{7}{8}$	39	$0\frac{7}{8}$
11	$10\frac{1}{4}$	36	$9\frac{3}{4}$	12	$2\frac{5}{8}$	37	$11\frac{1}{2}$	12	7	39	$1\frac{1}{4}$
11	$10\frac{3}{8}$	36	$10\frac{1}{8}$	12	$2\frac{3}{4}$	37	$11\frac{7}{8}$-$\frac{1}{16}$	12	$7\frac{1}{8}$	39	$1\frac{5}{8}$
11	$10\frac{1}{2}$	36	$10\frac{1}{2}$-$\frac{1}{16}$	12	$2\frac{7}{8}$	38	$0\frac{1}{4}$-$\frac{1}{16}$	12	$7\frac{1}{4}$	39	2
11	$10\frac{5}{8}$	36	$10\frac{7}{8}$-$\frac{1}{16}$	12	3	38	$0\frac{3}{4}$	12	$7\frac{3}{8}$	39	$2\frac{3}{8}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{3}{4}$-$\frac{1}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In	Ft.	In.	Ft.	In.
12	$7\frac{1}{2}$	39	$2\frac{3}{4}$-$\frac{1}{16}$	12	$9\frac{1}{8}$	39	$7\frac{7}{8}$-$\frac{1}{16}$	12	$10\frac{3}{4}$	40	1
12	$7\frac{5}{8}$	39	$3\frac{1}{4}$	12	$9\frac{1}{4}$	39	$8\frac{1}{4}$-$\frac{1}{16}$	12	$10\frac{7}{8}$	40	$1\frac{3}{8}$-$\frac{1}{16}$
12	$7\frac{3}{4}$	39	$3\frac{5}{8}$	12	$9\frac{3}{8}$	39	$8\frac{5}{8}$-$\frac{1}{16}$	12	11	40	$1\frac{3}{4}$-$\frac{1}{16}$
12	$7\frac{7}{8}$	39	4	12	$9\frac{1}{2}$	39	$9\frac{1}{8}$	12	$11\frac{1}{8}$	40	$2\frac{1}{8}$-$\frac{1}{16}$
12	8	39	$4\frac{3}{8}$-$\frac{1}{16}$	12	$9\frac{5}{8}$	39	$9\frac{1}{2}$	12	$11\frac{1}{4}$	40	$2\frac{1}{2}$-$\frac{1}{16}$
12	$8\frac{1}{8}$	39	$4\frac{3}{4}$-$\frac{1}{16}$	12	$9\frac{3}{4}$	39	$9\frac{7}{8}$	12	$11\frac{3}{8}$	40	$2\frac{7}{8}$-$\frac{1}{16}$
12	$8\frac{1}{4}$	39	$5\frac{1}{8}$-$\frac{1}{16}$	12	$9\frac{7}{8}$	39	$10\frac{1}{4}$-$\frac{1}{16}$	12	$11\frac{1}{2}$	40	$3\frac{3}{8}$
12	$8\frac{3}{8}$	39	$5\frac{1}{2}$-$\frac{1}{16}$	12	10	39	$10\frac{5}{8}$-$\frac{1}{16}$	12	$11\frac{5}{8}$	40	$3\frac{3}{4}$-$\frac{1}{16}$
12	$8\frac{1}{2}$	39	$5\frac{7}{8}$-$\frac{1}{16}$	12	$10\frac{1}{8}$	39	$11\frac{1}{16}$	12	$11\frac{3}{4}$	40	$4\frac{1}{8}$-$\frac{1}{16}$
12	$8\frac{5}{8}$	39	$6\frac{3}{8}$	12	$10\frac{1}{4}$	39	$11\frac{3}{8}$-$\frac{1}{16}$	12	$11\frac{7}{8}$	40	$4\frac{1}{2}$-$\frac{1}{16}$
12	$8\frac{3}{4}$	39	$6\frac{3}{4}$	12	$10\frac{3}{8}$	39	$11\frac{3}{4}$-$\frac{1}{16}$	13	0	40	$4\frac{7}{8}$-$\frac{1}{16}$
12	$8\frac{7}{8}$	39	$7\frac{1}{8}$	12	$10\frac{1}{2}$	40	$0\frac{1}{4}$				
12	9	39	$7\frac{1}{2}$	12	$10\frac{5}{8}$	40	$0\frac{5}{8}$				

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{7}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	0	2	$8\frac{1}{8}$-$\frac{1}{16}$	1	$1\frac{7}{8}$	3	$2\frac{1}{16}$	1	$3\frac{3}{4}$	3	$7\frac{7}{8}$-$\frac{1}{16}$
1	$0\frac{1}{8}$	2	$8\frac{1}{2}$-$\frac{1}{16}$	1	2	3	$2\frac{3}{8}$-$\frac{1}{16}$	1	$3\frac{7}{8}$	3	$8\frac{1}{4}$-$\frac{1}{16}$
1	$0\frac{1}{4}$	2	$8\frac{7}{8}$-$\frac{1}{16}$	1	$2\frac{1}{8}$	3	$2\frac{3}{4}$-$\frac{1}{16}$	1	4	3	$8\frac{3}{4}$
1	$0\frac{3}{8}$	2	$9\frac{1}{4}$-$\frac{1}{16}$	1	$2\frac{1}{4}$	3	$3\frac{1}{4}$	1	$4\frac{1}{8}$	3	$9\frac{1}{8}$
1	$0\frac{1}{2}$	2	$9\frac{3}{4}$	1	$2\frac{3}{8}$	3	$3\frac{5}{8}$	1	$4\frac{1}{4}$	3	$9\frac{1}{2}$-$\frac{1}{16}$
1	$0\frac{5}{8}$	2	$10\frac{1}{8}$	1	$2\frac{1}{2}$	3	$4\frac{1}{16}$	1	$4\frac{3}{8}$	3	$9\frac{7}{8}$-$\frac{1}{16}$
1	$0\frac{3}{4}$	2	$10\frac{1}{2}$-$\frac{1}{16}$	1	$2\frac{5}{8}$	3	$4\frac{3}{8}$-$\frac{1}{16}$	1	$4\frac{1}{2}$	3	$10\frac{1}{4}$-$\frac{1}{16}$
1	$0\frac{7}{8}$	2	$10\frac{7}{8}$-$\frac{1}{16}$	1	$2\frac{3}{4}$	3	$4\frac{3}{4}$-$\frac{1}{16}$	1	$4\frac{5}{8}$	3	$10\frac{5}{8}$-$\frac{1}{16}$
1	1	2	$11\frac{1}{4}$-$\frac{1}{16}$	1	$2\frac{7}{8}$	3	$5\frac{1}{8}$-$\frac{1}{16}$	1	$4\frac{3}{4}$	3	$11\frac{1}{16}$
1	$1\frac{1}{8}$	2	$11\frac{5}{8}$-$\frac{1}{16}$	1	3	3	$5\frac{1}{2}$-$\frac{1}{16}$	1	$4\frac{7}{8}$	3	$11\frac{1}{2}$
1	$1\frac{1}{4}$	3	$0\frac{1}{16}$	1	$3\frac{1}{8}$	3	6	1	5	3	$11\frac{7}{8}$
1	$1\frac{3}{8}$	3	$0\frac{1}{2}$	1	$3\frac{1}{4}$	3	$6\frac{3}{8}$	1	$5\frac{1}{8}$	4	$0\frac{1}{4}$
1	$1\frac{1}{2}$	3	$0\frac{7}{8}$	1	$3\frac{3}{8}$	3	$6\frac{3}{4}$-$\frac{1}{16}$	1	$5\frac{1}{4}$	4	$0\frac{5}{8}$-$\frac{1}{16}$
1	$1\frac{5}{8}$	3	$1\frac{1}{4}$-$\frac{1}{16}$	1	$3\frac{1}{2}$	3	$7\frac{1}{8}$-$\frac{1}{16}$	1	$5\frac{3}{8}$	4	$1\frac{1}{16}$
1	$1\frac{3}{4}$	3	$1\frac{3}{8}$-$\frac{1}{16}$	1	$3\frac{5}{8}$	3	$7\frac{1}{2}$-$\frac{1}{16}$	1	$5\frac{1}{2}$	4	$1\frac{3}{8}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{7}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	$5\frac{5}{8}$	4	$1\frac{3}{4}-\frac{1}{16}$	1	10	5	$3\frac{1}{2}-\frac{1}{16}$	2	$2\frac{3}{8}$	6	$5\frac{1}{4}-\frac{1}{16}$
1	$5\frac{3}{4}$	4	$2\frac{1}{4}$	1	$10\frac{1}{8}$	5	4	2	$2\frac{1}{2}$	6	$5\frac{3}{4}$
1	$5\frac{7}{8}$	4	$2\frac{5}{8}$	1	$10\frac{1}{4}$	5	$4\frac{3}{8}$	2	$2\frac{5}{8}$	6	$6\frac{1}{8}$
1	6	4	$3\frac{1}{16}$	1	$10\frac{3}{8}$	5	$4\frac{3}{4}$	2	$2\frac{3}{4}$	6	$6\frac{1}{2}$
1	$6\frac{1}{8}$	4	$3\frac{3}{8}-\frac{1}{16}$	1	$10\frac{1}{2}$	5	$5\frac{1}{8}-\frac{1}{16}$	2	$2\frac{7}{8}$	6	$6\frac{7}{8}-\frac{1}{16}$
1	$6\frac{1}{4}$	4	$3\frac{3}{4}-\frac{1}{16}$	1	$10\frac{5}{8}$	5	$5\frac{1}{2}-\frac{1}{16}$	2	3	6	$7\frac{1}{4}-\frac{1}{16}$
1	$6\frac{3}{8}$	4	$4\frac{1}{8}-\frac{1}{16}$	1	$10\frac{3}{4}$	5	$5\frac{7}{8}-\frac{1}{16}$	2	$3\frac{1}{8}$	6	$7\frac{3}{4}$
1	$6\frac{1}{2}$	4	$4\frac{1}{2}-\frac{1}{16}$	1	$10\frac{7}{8}$	5	$6\frac{1}{4}-\frac{1}{16}$	2	$3\frac{1}{4}$	6	$8\frac{1}{8}$
1	$6\frac{5}{8}$	4	5	1	11	5	$6\frac{3}{4}$	2	$3\frac{3}{8}$	6	$8\frac{1}{2}$
1	$6\frac{3}{4}$	4	$5\frac{3}{8}$	1	$11\frac{1}{8}$	5	$7\frac{1}{8}$	2	$3\frac{1}{2}$	6	$8\frac{7}{8}$
1	$6\frac{7}{8}$	4	$5\frac{3}{4}-\frac{1}{16}$	1	$11\frac{1}{4}$	5	$7\frac{1}{2}$	2	$3\frac{5}{8}$	6	$9\frac{1}{4}$
1	7	4	$6\frac{1}{8}-\frac{1}{16}$	1	$11\frac{3}{8}$	5	$7\frac{7}{8}$	2	$3\frac{3}{4}$	6	$9\frac{5}{8}-\frac{1}{16}$
1	$7\frac{1}{8}$	4	$6\frac{1}{2}-\frac{1}{16}$	1	$11\frac{1}{2}$	5	$8\frac{1}{4}-\frac{1}{16}$	2	$3\frac{7}{8}$	6	$10\frac{1}{16}$
1	$7\frac{1}{4}$	4	$6\frac{7}{8}-\frac{1}{16}$	1	$11\frac{5}{8}$	5	$8\frac{5}{8}-\frac{1}{16}$	2	4	6	$10\frac{3}{8}-\frac{1}{16}$
1	$7\frac{3}{8}$	4	$7\frac{1}{4}-\frac{1}{16}$	1	$11\frac{3}{4}$	5	$9\frac{1}{16}$	2	$4\frac{1}{8}$	6	$10\frac{3}{4}-\frac{1}{16}$
1	$7\frac{1}{2}$	4	$7\frac{3}{4}$	1	$11\frac{7}{8}$	5	$9\frac{1}{2}$	2	$4\frac{1}{4}$	6	$11\frac{1}{4}$
1	$7\frac{5}{8}$	4	$8\frac{1}{8}$	2	0	5	$9\frac{7}{8}$	2	$4\frac{3}{8}$	6	$11\frac{5}{8}$
1	$7\frac{3}{4}$	4	$8\frac{1}{2}$	2	$0\frac{1}{8}$	5	$10\frac{1}{4}$	2	$4\frac{1}{2}$	7	0
1	$7\frac{7}{8}$	4	$8\frac{7}{8}-\frac{1}{16}$	2	$0\frac{1}{4}$	5	$10\frac{5}{8}$	2	$4\frac{5}{8}$	7	$0\frac{3}{8}-\frac{1}{16}$
1	8	4	$9\frac{1}{4}-\frac{1}{16}$	2	$0\frac{3}{8}$	5	$11\frac{1}{16}$	2	$4\frac{3}{4}$	7	$0\frac{3}{4}-\frac{1}{16}$
1	$8\frac{1}{8}$	4	$9\frac{5}{8}-\frac{1}{16}$	2	$0\frac{1}{2}$	5	$11\frac{3}{8}-\frac{1}{16}$	2	$4\frac{7}{8}$	7	$1\frac{1}{8}-\frac{1}{16}$
1	$8\frac{1}{4}$	4	$10\frac{1}{16}$	2	$0\frac{5}{8}$	5	$11\frac{3}{4}-\frac{1}{16}$	2	5	7	$1\frac{1}{2}-\frac{1}{16}$
1	$8\frac{3}{8}$	4	$10\frac{1}{2}$	2	$0\frac{3}{4}$	6	$0\frac{1}{4}$	2	$5\frac{1}{8}$	7	2
1	$8\frac{1}{2}$	4	$10\frac{7}{8}$	2	$0\frac{7}{8}$	6	$0\frac{5}{8}$	2	$5\frac{1}{4}$	7	$2\frac{3}{8}$
1	$8\frac{5}{8}$	4	$11\frac{1}{4}$	2	1	6	1	2	$5\frac{3}{8}$	7	$2\frac{3}{4}$
1	$8\frac{3}{4}$	4	$11\frac{5}{8}-\frac{1}{16}$	2	$1\frac{1}{8}$	6	$1\frac{3}{8}$	2	$5\frac{1}{2}$	7	$3\frac{1}{8}$
1	$8\frac{7}{8}$	5	$0\frac{1}{16}$	2	$1\frac{1}{4}$	6	$1\frac{3}{4}-\frac{1}{16}$	2	$5\frac{5}{8}$	7	$3\frac{1}{2}-\frac{1}{16}$
1	9	5	$0\frac{3}{8}-\frac{1}{16}$	2	$1\frac{3}{8}$	6	$2\frac{1}{8}-\frac{1}{16}$	2	$5\frac{3}{4}$	7	$3\frac{7}{8}-\frac{1}{16}$
1	$9\frac{1}{8}$	5	$0\frac{3}{4}-\frac{1}{16}$	2	$1\frac{1}{2}$	6	$2\frac{1}{2}-\frac{1}{16}$	2	$5\frac{7}{8}$	7	$4\frac{1}{4}-\frac{1}{16}$
1	$9\frac{1}{4}$	5	$1\frac{1}{4}$	2	$1\frac{5}{8}$	6	3	2	6	7	$4\frac{3}{4}$
1	$9\frac{3}{8}$	5	$1\frac{5}{8}$	2	$1\frac{3}{4}$	6	$3\frac{3}{8}$	2	$6\frac{1}{8}$	7	$5\frac{1}{8}$
1	$9\frac{1}{2}$	5	2	2	$1\frac{7}{8}$	6	$3\frac{3}{4}$	2	$6\frac{1}{4}$	7	$5\frac{1}{2}$
1	$9\frac{5}{8}$	5	$2\frac{3}{8}-\frac{1}{16}$	2	2	6	$4\frac{1}{8}$	2	$6\frac{3}{8}$	7	$5\frac{7}{8}$
1	$9\frac{3}{4}$	5	$2\frac{3}{4}-\frac{1}{16}$	2	$2\frac{1}{8}$	6	$4\frac{1}{2}-\frac{1}{16}$	2	$6\frac{1}{2}$	7	$6\frac{1}{4}-\frac{1}{16}$
1	$9\frac{7}{8}$	5	$3\frac{1}{8}-\frac{1}{16}$	2	$2\frac{1}{4}$	6	$4\frac{7}{8}-\frac{1}{16}$	2	$6\frac{5}{8}$	7	$6\frac{5}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{7}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In	Ft.	In.	Ft.	In.
2	$6\frac{3}{4}$	7	$7\frac{1}{16}$	2	$11\frac{1}{8}$	8	$8\frac{7}{8}$	3	$3\frac{1}{2}$	9	$10\frac{1}{2}-\frac{1}{16}$
2	$6\frac{7}{8}$	7	$7\frac{3}{8}-\frac{1}{16}$	2	$11\frac{1}{4}$	8	$9\frac{1}{4}$	3	$3\frac{5}{8}$	9	11
2	7	7	$7\frac{7}{8}$	2	$11\frac{3}{8}$	8	$9\frac{5}{8}$	3	$3\frac{3}{4}$	9	$11\frac{3}{8}$
2	$7\frac{1}{8}$	7	$8\frac{1}{4}$	2	$11\frac{1}{2}$	8	10	3	$3\frac{7}{8}$	9	$11\frac{3}{4}-\frac{1}{16}$
2	$7\frac{1}{4}$	7	$8\frac{5}{8}$	2	$11\frac{5}{8}$	8	$10\frac{3}{8}$	3	4	10	$0\frac{1}{8}-\frac{1}{16}$
2	$7\frac{3}{8}$	7	$9\frac{1}{16}$	2	$11\frac{3}{4}$	8	$10\frac{3}{4}-\frac{1}{16}$	3	$4\frac{1}{8}$	10	$0\frac{1}{2}-\frac{1}{16}$
2	$7\frac{1}{2}$	7	$9\frac{3}{8}-\frac{1}{16}$	2	$11\frac{7}{8}$	8	$11\frac{1}{8}-\frac{1}{16}$	3	$4\frac{1}{4}$	10	1
2	$7\frac{5}{8}$	7	$9\frac{3}{4}-\frac{1}{16}$	3	0	8	$11\frac{5}{8}$	3	$4\frac{3}{8}$	10	$1\frac{3}{8}$
2	$7\frac{3}{4}$	7	$10\frac{1}{4}$	3	$0\frac{1}{8}$	9	0	3	$4\frac{1}{2}$	10	$1\frac{3}{4}$
2	$7\frac{7}{8}$	7	$10\frac{5}{8}$	3	$0\frac{1}{4}$	9	$0\frac{3}{8}$	3	$4\frac{5}{8}$	10	$2\frac{1}{8}$
2	8	7	11	3	$0\frac{3}{8}$	9	$0\frac{3}{4}-\frac{1}{16}$	3	$4\frac{3}{4}$	10	$2\frac{1}{2}$
2	$8\frac{1}{8}$	7	$11\frac{3}{8}$	3	$0\frac{1}{2}$	9	$1\frac{1}{8}-\frac{1}{16}$	3	$4\frac{7}{8}$	10	$2\frac{7}{8}$
2	$8\frac{1}{4}$	7	$11\frac{3}{4}-\frac{1}{16}$	3	$0\frac{5}{8}$	9	$1\frac{5}{8}$	3	5	10	$3\frac{1}{4}-\frac{1}{16}$
2	$8\frac{3}{8}$	8	$0\frac{1}{8}-\frac{1}{16}$	3	$0\frac{3}{4}$	9	2	3	$5\frac{1}{8}$	10	$3\frac{5}{8}-\frac{1}{16}$
2	$8\frac{1}{2}$	8	$0\frac{1}{2}-\frac{1}{16}$	3	$0\frac{7}{8}$	9	$2\frac{3}{8}$	3	$5\frac{1}{4}$	10	$4\frac{1}{8}$
2	$8\frac{5}{8}$	8	1	3	1	9	$2\frac{3}{4}$	3	$5\frac{3}{8}$	10	$4\frac{1}{2}$
2	$8\frac{3}{4}$	8	$1\frac{3}{8}$	3	$1\frac{1}{8}$	9	$3\frac{1}{8}$	3	$5\frac{1}{2}$	10	$4\frac{7}{8}$
2	$8\frac{7}{8}$	8	$1\frac{3}{4}-\frac{1}{16}$	3	$1\frac{1}{4}$	9	$3\frac{1}{2}$	3	$5\frac{5}{8}$	10	$5\frac{1}{4}-\frac{1}{16}$
2	9	8	$2\frac{1}{8}-\frac{1}{16}$	3	$1\frac{3}{8}$	9	$3\frac{7}{8}$	3	$5\frac{3}{4}$	10	$5\frac{5}{8}-\frac{1}{16}$
2	$9\frac{1}{8}$	8	$2\frac{1}{2}-\frac{1}{16}$	3	$1\frac{1}{2}$	9	$4\frac{1}{4}-\frac{1}{16}$	3	$5\frac{7}{8}$	10	$6\frac{1}{16}$
2	$9\frac{1}{4}$	8	3	3	$1\frac{5}{8}$	9	$4\frac{5}{8}-\frac{1}{16}$	3	6	10	$6\frac{3}{8}-\frac{1}{16}$
2	$9\frac{3}{8}$	8	$3\frac{3}{8}$	3	$1\frac{3}{4}$	9	$5\frac{1}{16}$	3	$6\frac{1}{8}$	10	$6\frac{3}{4}-\frac{1}{16}$
2	$9\frac{1}{2}$	8	$3\frac{3}{4}$	3	$1\frac{7}{8}$	9	$5\frac{1}{2}$	3	$6\frac{1}{4}$	10	$7\frac{1}{8}-\frac{1}{16}$
2	$9\frac{5}{8}$	8	$4\frac{1}{8}$	3	2	9	$5\frac{7}{8}$	3	$6\frac{3}{8}$	10	$7\frac{5}{8}$
2	$9\frac{3}{4}$	8	$4\frac{1}{2}$	3	$2\frac{1}{8}$	9	$6\frac{1}{4}-\frac{1}{16}$	3	$6\frac{1}{2}$	10	8
2	$9\frac{7}{8}$	8	$4\frac{7}{8}$	3	$2\frac{1}{4}$	9	$6\frac{5}{8}-\frac{1}{16}$	3	$6\frac{5}{8}$	10	$8\frac{3}{8}$
2	10	8	$5\frac{1}{4}-\frac{1}{16}$	3	$2\frac{3}{8}$	9	$7\frac{1}{16}$	3	$6\frac{3}{4}$	10	$8\frac{3}{4}-\frac{1}{16}$
2	$10\frac{1}{8}$	8	$5\frac{5}{8}-\frac{1}{16}$	3	$2\frac{1}{2}$	9	$7\frac{3}{8}-\frac{1}{16}$	3	$6\frac{7}{8}$	10	$9\frac{1}{8}-\frac{1}{16}$
2	$10\frac{1}{4}$	8	$6\frac{1}{16}$	3	$2\frac{5}{8}$	9	$7\frac{3}{4}-\frac{1}{16}$	3	7	10	$9\frac{5}{8}$
2	$10\frac{3}{8}$	8	$6\frac{1}{2}$	3	$2\frac{3}{4}$	9	$8\frac{1}{8}-\frac{1}{16}$	3	$7\frac{1}{8}$	10	10
2	$10\frac{1}{2}$	8	$6\frac{7}{8}$	3	$2\frac{7}{8}$	9	$8\frac{1}{2}-\frac{1}{16}$	3	$7\frac{1}{4}$	10	$10\frac{3}{8}$
2	$10\frac{5}{8}$	8	$7\frac{1}{4}-\frac{1}{16}$	3	3	9	9	3	$7\frac{3}{8}$	10	$10\frac{3}{4}-\frac{1}{16}$
2	$10\frac{3}{4}$	8	$7\frac{5}{8}-\frac{1}{16}$	3	$3\frac{1}{8}$	9	$9\frac{3}{8}$	3	$7\frac{1}{2}$	10	$11\frac{1}{8}-\frac{1}{16}$
2	$10\frac{7}{8}$	8	$8\frac{1}{16}$	3	$3\frac{1}{4}$	9	$9\frac{3}{4}-\frac{1}{16}$	3	$7\frac{5}{8}$	10	$11\frac{1}{2}-\frac{1}{16}$
2	11	8	$8\frac{1}{2}$	3	$3\frac{3}{8}$	9	$10\frac{1}{8}-\frac{1}{16}$	3	$7\frac{3}{4}$	10	$11\frac{7}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{7}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	$7\frac{7}{8}$	11	$0\frac{1}{4}-\frac{1}{16}$	4	$0\frac{1}{4}$	12	$2\frac{1}{16}$	4	$4\frac{5}{8}$	13	$3\frac{3}{4}-\frac{1}{16}$
3	8	11	$0\frac{5}{8}-\frac{1}{16}$	4	$0\frac{3}{8}$	12	$2\frac{1}{2}$	4	$4\frac{3}{4}$	13	$4\frac{1}{8}-\frac{1}{16}$
3	$8\frac{1}{8}$	11	$1\frac{1}{16}$	4	$0\frac{1}{2}$	12	$2\frac{7}{8}$	4	$4\frac{7}{8}$	13	$4\frac{1}{2}-\frac{1}{16}$
3	$8\frac{1}{4}$	11	$1\frac{1}{2}$	4	$0\frac{5}{8}$	12	$3\frac{1}{4}-\frac{1}{16}$	4	5	13	5
3	$8\frac{3}{8}$	11	$1\frac{7}{8}$	4	$0\frac{3}{4}$	12	$3\frac{5}{8}-\frac{1}{16}$	4	$5\frac{1}{8}$	13	$5\frac{3}{8}$
3	$8\frac{1}{2}$	11	$2\frac{1}{4}-\frac{1}{16}$	4	$0\frac{7}{8}$	12	$4\frac{1}{16}$	4	$5\frac{1}{4}$	13	$5\frac{3}{4}-\frac{1}{16}$
3	$8\frac{5}{8}$	11	$2\frac{5}{8}-\frac{1}{16}$	4	1	12	$4\frac{3}{8}-\frac{1}{16}$	4	$5\frac{3}{8}$	13	$6\frac{1}{8}-\frac{1}{16}$
3	$8\frac{3}{4}$	11	$3\frac{1}{16}$	4	$1\frac{1}{8}$	12	$4\frac{3}{4}-\frac{1}{16}$	4	$5\frac{1}{2}$	13	$6\frac{1}{2}-\frac{1}{16}$
3	$8\frac{7}{8}$	11	$3\frac{1}{2}$	4	$1\frac{1}{4}$	12	$5\frac{1}{8}-\frac{1}{16}$	4	$5\frac{5}{8}$	13	7
3	9	11	$3\frac{7}{8}$	4	$1\frac{3}{8}$	12	$5\frac{1}{2}-\frac{1}{16}$	4	$5\frac{3}{4}$	13	$7\frac{3}{8}$
3	$9\frac{1}{8}$	11	$4\frac{1}{4}-\frac{1}{16}$	4	$1\frac{1}{2}$	12	6	4	$5\frac{7}{8}$	13	$7\frac{3}{4}$
3	$9\frac{1}{4}$	11	$4\frac{5}{8}-\frac{1}{16}$	4	$1\frac{5}{8}$	12	$6\frac{3}{8}$	4	6	13	$8\frac{1}{8}$
3	$9\frac{3}{8}$	11	$5\frac{1}{16}$	4	$1\frac{3}{4}$	12	$6\frac{3}{4}-\frac{1}{16}$	4	$6\frac{1}{8}$	13	$8\frac{1}{2}$
3	$9\frac{1}{2}$	11	$5\frac{3}{8}-\frac{1}{16}$	4	$1\frac{7}{8}$	12	$7\frac{1}{8}-\frac{1}{16}$	4	$6\frac{1}{4}$	13	$8\frac{7}{8}$
3	$9\frac{5}{8}$	11	$5\frac{3}{4}-\frac{1}{16}$	4	2	12	$7\frac{1}{2}-\frac{1}{16}$	4	$6\frac{3}{8}$	13	$9\frac{1}{4}-\frac{1}{16}$
3	$9\frac{3}{4}$	11	$6\frac{1}{8}-\frac{1}{16}$	4	$2\frac{1}{8}$	12	8	4	$6\frac{1}{2}$	13	$9\frac{5}{8}-\frac{1}{16}$
3	$9\frac{7}{8}$	11	$6\frac{1}{2}-\frac{1}{16}$	4	$2\frac{1}{4}$	12	$8\frac{3}{8}$	4	$6\frac{5}{8}$	13	$10\frac{1}{16}$
3	10	11	7	4	$2\frac{3}{8}$	12	$8\frac{3}{4}-\frac{1}{16}$	4	$6\frac{3}{4}$	13	$10\frac{1}{2}$
3	$10\frac{1}{8}$	11	$7\frac{3}{8}$	4	$2\frac{1}{2}$	12	$9\frac{1}{8}-\frac{1}{16}$	4	$6\frac{7}{8}$	13	$10\frac{7}{8}$
3	$10\frac{1}{4}$	11	$7\frac{3}{4}-\frac{1}{16}$	4	$2\frac{5}{8}$	12	$9\frac{1}{2}-\frac{1}{16}$	4	7	13	$11\frac{1}{4}-\frac{1}{16}$
3	$10\frac{3}{8}$	11	$8\frac{1}{8}-\frac{1}{16}$	4	$2\frac{3}{4}$	12	$9\frac{7}{8}-\frac{1}{16}$	4	$7\frac{1}{8}$	13	$11\frac{5}{8}-\frac{1}{16}$
3	$10\frac{1}{2}$	11	$8\frac{1}{2}-\frac{1}{16}$	4	$2\frac{7}{8}$	12	$10\frac{1}{4}-\frac{1}{16}$	4	$7\frac{1}{4}$	14	$0\frac{1}{16}$
3	$10\frac{5}{8}$	11	9	4	3	12	$10\frac{5}{8}-\frac{1}{16}$	4	$7\frac{3}{8}$	14	$0\frac{1}{2}$
3	$10\frac{3}{4}$	11	$9\frac{3}{8}$	4	$3\frac{1}{8}$	12	$11\frac{1}{16}$	4	$7\frac{1}{2}$	14	$0\frac{7}{8}$
3	$10\frac{7}{8}$	11	$9\frac{3}{4}-\frac{1}{16}$	4	$3\frac{1}{4}$	12	$11\frac{1}{2}$	4	$7\frac{5}{8}$	14	$1\frac{1}{4}$
3	11	11	$10\frac{1}{8}-\frac{1}{16}$	4	$3\frac{3}{8}$	12	$11\frac{7}{8}$	4	$7\frac{3}{4}$	14	$1\frac{5}{8}$
3	$11\frac{1}{8}$	11	$10\frac{1}{2}-\frac{1}{16}$	4	$3\frac{1}{2}$	13	$0\frac{1}{4}-\frac{1}{16}$	4	$7\frac{7}{8}$	14	2
3	$11\frac{1}{4}$	11	$10\frac{7}{8}-\frac{1}{16}$	4	$3\frac{5}{8}$	13	$0\frac{5}{8}-\frac{1}{16}$	4	8	14	$2\frac{3}{8}$
3	$11\frac{3}{8}$	11	$11\frac{1}{4}-\frac{1}{16}$	4	$3\frac{3}{4}$	13	$1\frac{1}{16}$	4	$8\frac{1}{8}$	14	$2\frac{3}{4}-\frac{1}{16}$
3	$11\frac{1}{2}$	11	$11\frac{5}{8}-\frac{1}{16}$	4	$3\frac{7}{8}$	13	$1\frac{1}{2}$	4	$8\frac{1}{4}$	14	$3\frac{1}{8}-\frac{1}{16}$
3	$11\frac{5}{8}$	12	$0\frac{1}{16}$	4	4	13	$1\frac{7}{8}$	4	$8\frac{3}{8}$	14	$3\frac{1}{2}-\frac{1}{16}$
3	$11\frac{3}{4}$	12	$0\frac{1}{2}$	4	$4\frac{1}{8}$	13	$2\frac{1}{4}-\frac{1}{16}$	4	$8\frac{1}{2}$	14	4
3	$11\frac{7}{8}$	12	$0\frac{7}{8}$	4	$4\frac{1}{4}$	13	$2\frac{5}{8}-\frac{1}{16}$	4	$8\frac{5}{8}$	14	$4\frac{3}{8}$
4	0	12	$1\frac{1}{4}-\frac{1}{16}$	4	$4\frac{3}{8}$	13	$3\frac{1}{16}$	4	$8\frac{3}{4}$	14	$4\frac{3}{4}-\frac{1}{16}$
4	$0\frac{1}{8}$	12	$1\frac{5}{8}-\frac{1}{16}$	4	$4\frac{1}{2}$	13	$3\frac{3}{8}-\frac{1}{16}$	4	$8\frac{7}{8}$	14	$5\frac{1}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{7}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
4	9	14	$5\frac{1}{2}$-$\frac{1}{16}$	5	$1\frac{3}{8}$	15	$7\frac{1}{4}$-$\frac{1}{16}$	5	$5\frac{3}{4}$	16	$9\frac{1}{8}$
4	$9\frac{1}{8}$	14	6	5	$1\frac{1}{2}$	15	$7\frac{5}{8}$-$\frac{1}{16}$	5	$5\frac{7}{8}$	16	$9\frac{1}{2}$
4	$9\frac{1}{4}$	14	$6\frac{3}{8}$	5	$1\frac{5}{8}$	15	$8\frac{1}{8}$	5	6	16	$9\frac{7}{8}$
4	$9\frac{3}{8}$	14	$6\frac{3}{4}$	5	$1\frac{3}{4}$	15	$8\frac{1}{2}$	5	$6\frac{1}{8}$	16	$10\frac{1}{4}$
4	$9\frac{1}{2}$	14	$7\frac{1}{8}$	5	$1\frac{7}{8}$	15	$8\frac{7}{8}$	5	$6\frac{1}{4}$	16	$10\frac{5}{8}$
4	$9\frac{5}{8}$	14	$7\frac{1}{2}$	5	2	15	$9\frac{1}{4}$-$\frac{1}{16}$	5	$6\frac{3}{8}$	16	11
4	$9\frac{3}{4}$	14	$7\frac{7}{8}$	5	$2\frac{1}{8}$	15	$9\frac{5}{8}$-$\frac{1}{16}$	5	$6\frac{1}{2}$	16	$11\frac{3}{8}$
4	$9\frac{7}{8}$	14	$8\frac{1}{4}$-$\frac{1}{16}$	5	$2\frac{1}{4}$	15	$10\frac{1}{16}$	5	$6\frac{5}{8}$	16	$11\frac{3}{4}$-$\frac{1}{16}$
4	10	14	$8\frac{5}{8}$-$\frac{1}{16}$	5	$2\frac{3}{8}$	15	$10\frac{1}{2}$	5	$6\frac{3}{4}$	17	$0\frac{1}{8}$-$\frac{1}{16}$
4	$10\frac{1}{8}$	14	$9\frac{1}{8}$	5	$2\frac{1}{2}$	15	$10\frac{7}{8}$	5	$6\frac{7}{8}$	17	$0\frac{1}{2}$-$\frac{1}{16}$
4	$10\frac{1}{4}$	14	$9\frac{1}{2}$	5	$2\frac{5}{8}$	15	$11\frac{1}{4}$	5	7	17	1
4	$10\frac{3}{8}$	14	$9\frac{7}{8}$	5	$2\frac{3}{4}$	15	$11\frac{3}{8}$	5	$7\frac{1}{8}$	17	$1\frac{3}{8}$
4	$10\frac{1}{2}$	14	$10\frac{1}{4}$	5	$2\frac{7}{8}$	16	0	5	$7\frac{1}{4}$	17	$1\frac{3}{4}$-$\frac{1}{16}$
4	$10\frac{5}{8}$	14	$10\frac{5}{8}$-$\frac{1}{16}$	5	3	16	$0\frac{3}{8}$	5	$7\frac{3}{8}$	17	$2\frac{1}{8}$-$\frac{1}{16}$
4	$10\frac{3}{4}$	14	$11\frac{1}{8}$	5	$3\frac{1}{8}$	16	$0\frac{3}{4}$-$\frac{1}{16}$	5	$7\frac{1}{2}$	17	$2\frac{1}{2}$-$\frac{1}{16}$
4	$10\frac{7}{8}$	14	$11\frac{1}{2}$	5	$3\frac{1}{4}$	16	$1\frac{1}{8}$-$\frac{1}{16}$	5	$7\frac{5}{8}$	17	3
4	11	14	$11\frac{7}{8}$	5	$3\frac{3}{8}$	16	$1\frac{1}{2}$-$\frac{1}{16}$	5	$7\frac{3}{4}$	17	$3\frac{3}{8}$
4	$11\frac{1}{8}$	15	$0\frac{1}{4}$	5	$3\frac{1}{2}$	16	2	5	$7\frac{7}{8}$	17	$3\frac{3}{4}$
4	$11\frac{1}{4}$	15	$0\frac{5}{8}$	5	$3\frac{5}{8}$	16	$2\frac{3}{8}$	5	8	17	$4\frac{1}{8}$
4	$11\frac{3}{8}$	15	1	5	$3\frac{3}{4}$	16	$2\frac{3}{4}$-$\frac{1}{16}$	5	$8\frac{1}{8}$	17	$4\frac{1}{2}$
4	$11\frac{1}{2}$	15	$1\frac{3}{8}$	5	$3\frac{7}{8}$	16	$3\frac{1}{8}$-$\frac{1}{16}$	5	$8\frac{1}{4}$	17	$4\frac{7}{8}$
4	$11\frac{5}{8}$	15	$1\frac{3}{4}$-$\frac{1}{16}$	5	4	16	$3\frac{1}{2}$-$\frac{1}{16}$	5	$8\frac{3}{8}$	17	$5\frac{1}{4}$
4	$11\frac{3}{4}$	15	$2\frac{1}{8}$-$\frac{1}{16}$	5	$4\frac{1}{8}$	16	4	5	$8\frac{1}{2}$	17	$5\frac{3}{8}$-$\frac{1}{16}$
4	$11\frac{7}{8}$	15	$2\frac{1}{2}$-$\frac{1}{16}$	5	$4\frac{1}{4}$	16	$4\frac{3}{8}$	5	$8\frac{5}{8}$	17	$6\frac{1}{8}$
5	0	15	3	5	$4\frac{3}{8}$	16	$4\frac{3}{4}$	5	$8\frac{3}{4}$	17	$6\frac{1}{2}$
5	$0\frac{1}{8}$	15	$3\frac{3}{8}$	5	$4\frac{1}{2}$	16	$5\frac{1}{8}$	5	$8\frac{7}{8}$	17	$6\frac{7}{8}$
5	$0\frac{1}{4}$	15	$3\frac{3}{4}$-$\frac{1}{16}$	5	$4\frac{5}{8}$	16	$5\frac{1}{2}$	5	9	17	$7\frac{1}{4}$
5	$0\frac{3}{8}$	15	$4\frac{1}{8}$-$\frac{1}{16}$	5	$4\frac{3}{4}$	16	$5\frac{7}{8}$	5	$9\frac{1}{8}$	17	$7\frac{5}{8}$-$\frac{1}{16}$
5	$0\frac{1}{2}$	15	$4\frac{1}{2}$-$\frac{1}{16}$	5	$4\frac{7}{8}$	16	$6\frac{1}{4}$-$\frac{1}{16}$	5	$9\frac{1}{4}$	17	$8\frac{1}{8}$
5	$0\frac{5}{8}$	15	5	5	5	16	$6\frac{5}{8}$-$\frac{1}{16}$	5	$9\frac{3}{8}$	17	$8\frac{1}{2}$
5	$0\frac{3}{4}$	15	$5\frac{3}{8}$	5	$5\frac{1}{8}$	16	$7\frac{1}{8}$	5	$9\frac{1}{2}$	17	$8\frac{7}{8}$
5	$0\frac{7}{8}$	15	$5\frac{3}{4}$	5	$5\frac{1}{4}$	16	$7\frac{1}{2}$	5	$9\frac{5}{8}$	17	$9\frac{1}{4}$
5	1	15	$6\frac{1}{8}$	5	$5\frac{3}{8}$	16	$7\frac{7}{8}$	5	$9\frac{3}{4}$	17	$9\frac{5}{8}$
5	$1\frac{1}{8}$	15	$6\frac{1}{2}$	5	$5\frac{1}{2}$	16	$8\frac{1}{4}$-$\frac{1}{16}$	5	$9\frac{7}{8}$	17	10
5	$1\frac{1}{4}$	15	$6\frac{7}{8}$	5	$5\frac{5}{8}$	16	$8\frac{5}{8}$-$\frac{1}{16}$	5	10	17	$10\frac{3}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{7}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
5	$10\frac{1}{8}$	17	$10\frac{3}{4}-\frac{1}{16}$	6	$2\frac{1}{2}$	19	$0\frac{1}{2}-\frac{1}{16}$	6	$6\frac{7}{8}$	20	$2\frac{1}{4}-\frac{1}{16}$
5	$10\frac{1}{4}$	17	$11\frac{1}{8}-\frac{1}{16}$	6	$2\frac{5}{8}$	19	$0\frac{7}{8}-\frac{1}{16}$	6	7	20	$2\frac{5}{8}-\frac{1}{16}$
5	$10\frac{3}{8}$	17	$11\frac{1}{2}-\frac{1}{16}$	6	$2\frac{3}{4}$	19	$1\frac{1}{4}-\frac{1}{16}$	6	$7\frac{1}{8}$	20	$3\frac{1}{8}$
5	$10\frac{1}{2}$	18	0	6	$2\frac{7}{8}$	19	$1\frac{5}{8}-\frac{1}{16}$	6	$7\frac{1}{4}$	20	$3\frac{1}{2}$
5	$10\frac{5}{8}$	18	$0\frac{3}{8}$	6	3	19	$2\frac{1}{8}$	6	$7\frac{3}{8}$	20	$3\frac{7}{8}$
5	$10\frac{3}{4}$	18	$0\frac{3}{4}-\frac{1}{16}$	6	$3\frac{1}{8}$	19	$2\frac{1}{2}$	6	$7\frac{1}{2}$	20	$4\frac{1}{4}-\frac{1}{16}$
5	$10\frac{7}{8}$	18	$1\frac{1}{8}-\frac{1}{16}$	6	$3\frac{1}{4}$	19	$2\frac{7}{8}$	6	$7\frac{5}{8}$	20	$4\frac{5}{8}-\frac{1}{16}$
5	11	18	$1\frac{1}{2}-\frac{1}{16}$	6	$3\frac{3}{8}$	19	$3\frac{1}{4}-\frac{1}{16}$	6	$7\frac{3}{4}$	20	$5\frac{1}{16}$
5	$11\frac{1}{8}$	18	$1\frac{7}{8}-\frac{1}{16}$	6	$3\frac{1}{2}$	19	$3\frac{5}{8}-\frac{1}{16}$	6	$7\frac{7}{8}$	20	$5\frac{3}{8}-\frac{1}{16}$
5	$11\frac{1}{4}$	18	$2\frac{1}{4}-\frac{1}{16}$	6	$3\frac{5}{8}$	19	$4\frac{1}{8}$	6	8	20	$5\frac{3}{4}-\frac{1}{16}$
5	$11\frac{3}{8}$	18	$2\frac{5}{8}-\frac{1}{16}$	6	$3\frac{3}{4}$	19	$4\frac{1}{2}$	6	$8\frac{1}{8}$	20	$6\frac{1}{8}-\frac{1}{16}$
5	$11\frac{1}{2}$	18	$3\frac{1}{8}$	6	$3\frac{7}{8}$	19	$4\frac{7}{8}$	6	$8\frac{1}{4}$	20	$6\frac{1}{2}-\frac{1}{16}$
5	$11\frac{5}{8}$	18	$3\frac{1}{2}$	6	4	19	$5\frac{1}{4}-\frac{1}{16}$	6	$8\frac{3}{8}$	20	7
5	$11\frac{3}{4}$	18	$3\frac{7}{8}$	6	$4\frac{1}{8}$	19	$5\frac{5}{8}-\frac{1}{16}$	6	$8\frac{1}{2}$	20	$7\frac{3}{8}$
5	$11\frac{7}{8}$	18	$4\frac{1}{4}-\frac{1}{16}$	6	$4\frac{1}{4}$	19	$6\frac{1}{16}$	6	$8\frac{5}{8}$	20	$7\frac{3}{4}-\frac{1}{16}$
6	0	18	$4\frac{5}{8}-\frac{1}{16}$	6	$4\frac{3}{8}$	19	$6\frac{3}{8}-\frac{1}{16}$	6	$8\frac{3}{4}$	20	$8\frac{1}{8}-\frac{1}{16}$
6	$0\frac{1}{8}$	18	$5\frac{1}{8}$	6	$4\frac{1}{2}$	19	$6\frac{3}{4}-\frac{1}{16}$	6	$8\frac{7}{8}$	20	$8\frac{1}{2}-\frac{1}{16}$
6	$0\frac{1}{4}$	18	$5\frac{1}{2}$	6	$4\frac{5}{8}$	19	$7\frac{1}{8}-\frac{1}{16}$	6	9	20	9
6	$0\frac{3}{8}$	18	$5\frac{7}{8}$	6	$4\frac{3}{4}$	19	$7\frac{1}{2}-\frac{1}{16}$	6	$9\frac{1}{8}$	20	$9\frac{3}{8}$
6	$0\frac{1}{2}$	18	$6\frac{1}{4}-\frac{1}{16}$	6	$4\frac{7}{8}$	19	8	6	$9\frac{1}{4}$	20	$9\frac{3}{4}$
6	$0\frac{5}{8}$	18	$6\frac{5}{8}-\frac{1}{16}$	6	5	19	$8\frac{3}{8}$	6	$9\frac{3}{8}$	20	$10\frac{1}{8}$
6	$0\frac{3}{4}$	18	$7\frac{1}{16}$	6	$5\frac{1}{8}$	19	$8\frac{3}{4}-\frac{1}{16}$	6	$9\frac{1}{2}$	20	$10\frac{1}{2}$
6	$0\frac{7}{8}$	18	$7\frac{3}{8}-\frac{1}{16}$	6	$5\frac{1}{4}$	19	$9\frac{1}{8}-\frac{1}{16}$	6	$9\frac{5}{8}$	20	$10\frac{7}{8}$
6	1	18	$7\frac{3}{4}-\frac{1}{16}$	6	$5\frac{3}{8}$	19	$9\frac{1}{2}-\frac{1}{16}$	6	$9\frac{3}{4}$	20	$11\frac{1}{4}-\frac{1}{16}$
6	$1\frac{1}{8}$	18	$8\frac{1}{8}-\frac{1}{16}$	6	$5\frac{1}{2}$	19	10	6	$9\frac{7}{8}$	20	$11\frac{5}{8}-\frac{1}{16}$
6	$1\frac{1}{4}$	18	$8\frac{1}{2}-\frac{1}{16}$	6	$5\frac{5}{8}$	19	$10\frac{3}{8}$	6	10	21	$0\frac{1}{8}$
6	$1\frac{3}{8}$	18	9	6	$5\frac{3}{4}$	19	$10\frac{3}{4}-\frac{1}{16}$	6	$10\frac{1}{8}$	21	$0\frac{1}{2}$
6	$1\frac{1}{2}$	18	$9\frac{3}{8}$	6	$5\frac{7}{8}$	19	$11\frac{1}{8}-\frac{1}{16}$	6	$10\frac{1}{4}$	21	$0\frac{7}{8}$
6	$1\frac{5}{8}$	18	$9\frac{3}{4}-\frac{1}{16}$	6	6	19	$11\frac{1}{2}-\frac{1}{16}$	6	$10\frac{3}{8}$	21	$1\frac{1}{4}-\frac{1}{16}$
6	$1\frac{3}{4}$	18	$10\frac{1}{8}-\frac{1}{16}$	6	$6\frac{1}{8}$	19	$11\frac{7}{8}-\frac{1}{16}$	6	$10\frac{1}{2}$	21	$1\frac{5}{8}-\frac{1}{16}$
6	$1\frac{7}{8}$	18	$10\frac{1}{2}-\frac{1}{16}$	6	$6\frac{1}{4}$	20	$0\frac{1}{4}-\frac{1}{16}$	6	$10\frac{5}{8}$	21	$2\frac{1}{8}$
6	2	18	11	6	$6\frac{3}{8}$	20	$0\frac{5}{8}-\frac{1}{16}$	6	$10\frac{3}{4}$	21	$2\frac{1}{2}$
6	$2\frac{1}{8}$	18	$11\frac{3}{8}$	6	$6\frac{1}{2}$	20	$1\frac{1}{8}$	6	$10\frac{7}{8}$	21	$2\frac{7}{8}$
6	$2\frac{1}{4}$	18	$11\frac{3}{4}-\frac{1}{16}$	6	$6\frac{5}{8}$	20	$1\frac{1}{2}$	6	11	21	$3\frac{1}{4}$
6	$2\frac{3}{8}$	19	$0\frac{1}{8}-\frac{1}{16}$	6	$6\frac{3}{4}$	20	$1\frac{7}{8}$	6	$11\frac{1}{8}$	21	$3\frac{5}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{7}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
6	$11\frac{1}{4}$	21	4	7	$3\frac{5}{8}$	22	$5\frac{3}{4}-\frac{1}{16}$	7	8	23	$7\frac{1}{2}$
6	$11\frac{3}{8}$	21	$4\frac{3}{8}$	7	$3\frac{3}{4}$	22	$6\frac{1}{8}-\frac{1}{16}$	7	$8\frac{1}{8}$	23	$7\frac{7}{8}$
6	$11\frac{1}{2}$	21	$4\frac{3}{4}-\frac{1}{16}$	7	$3\frac{7}{8}$	22	$6\frac{1}{2}-\frac{1}{16}$	7	$8\frac{1}{4}$	23	$8\frac{1}{4}-\frac{1}{16}$
6	$11\frac{5}{8}$	21	$5\frac{1}{8}-\frac{1}{16}$	7	4	22	7	7	$8\frac{3}{8}$	23	$8\frac{5}{8}-\frac{1}{16}$
6	$11\frac{3}{4}$	21	$5\frac{1}{2}-\frac{1}{16}$	7	$4\frac{1}{8}$	22	$7\frac{3}{8}$	7	$8\frac{1}{2}$	23	$9\frac{1}{16}$
6	$11\frac{7}{8}$	21	6	7	$4\frac{1}{4}$	22	$7\frac{3}{4}$	7	$8\frac{5}{8}$	23	$9\frac{1}{2}$
7	0	21	$6\frac{3}{8}$	7	$4\frac{3}{8}$	22	$8\frac{1}{8}$	7	$8\frac{3}{4}$	23	$9\frac{7}{8}$
7	$0\frac{1}{8}$	21	$6\frac{3}{4}-\frac{1}{16}$	7	$4\frac{1}{2}$	22	$8\frac{1}{2}$	7	$8\frac{7}{8}$	23	$10\frac{1}{4}-\frac{1}{16}$
7	$0\frac{1}{4}$	21	$7\frac{1}{8}-\frac{1}{16}$	7	$4\frac{5}{8}$	22	$8\frac{7}{8}$	7	9	23	$10\frac{5}{8}-\frac{1}{16}$
7	$0\frac{3}{8}$	21	$7\frac{1}{2}-\frac{1}{16}$	7	$4\frac{3}{4}$	22	$9\frac{1}{4}-\frac{1}{16}$	7	$9\frac{1}{8}$	23	$11\frac{1}{16}$
7	$0\frac{1}{2}$	21	8	7	$4\frac{7}{8}$	22	$9\frac{5}{8}-\frac{1}{16}$	7	$9\frac{1}{4}$	23	$11\frac{3}{8}-\frac{1}{16}$
7	$0\frac{5}{8}$	21	$8\frac{3}{8}$	7	5	22	$10\frac{1}{8}$	7	$9\frac{3}{8}$	23	$11\frac{3}{4}-\frac{1}{16}$
7	$0\frac{3}{4}$	21	$8\frac{3}{4}$	7	$5\frac{1}{8}$	22	$10\frac{1}{2}$	7	$9\frac{1}{2}$	24	$0\frac{1}{8}-\frac{1}{16}$
7	$0\frac{7}{8}$	21	$9\frac{1}{8}$	7	$5\frac{1}{4}$	22	$10\frac{7}{8}$	7	$9\frac{5}{8}$	24	$0\frac{1}{2}-\frac{1}{16}$
7	1	21	$9\frac{1}{2}$	7	$5\frac{3}{8}$	22	$11\frac{1}{4}-\frac{1}{16}$	7	$9\frac{3}{4}$	24	1
7	$1\frac{1}{8}$	21	$9\frac{7}{8}$	7	$5\frac{1}{2}$	22	$11\frac{5}{8}-\frac{1}{16}$	7	$9\frac{7}{8}$	24	$1\frac{3}{8}$
7	$1\frac{1}{4}$	21	$10\frac{1}{4}-\frac{1}{16}$	7	$5\frac{5}{8}$	23	$0\frac{1}{8}$	7	10	24	$1\frac{3}{4}-\frac{1}{16}$
7	$1\frac{3}{8}$	21	$10\frac{5}{8}-\frac{1}{16}$	7	$5\frac{3}{4}$	23	$0\frac{1}{2}$	7	$10\frac{1}{8}$	24	$2\frac{1}{8}-\frac{1}{16}$
7	$1\frac{1}{2}$	21	$11\frac{1}{8}$	7	$5\frac{7}{8}$	23	$0\frac{7}{8}$	7	$10\frac{1}{4}$	24	$2\frac{1}{2}-\frac{1}{16}$
7	$1\frac{5}{8}$	21	$11\frac{1}{2}$	7	6	23	$1\frac{1}{4}$	7	$10\frac{3}{8}$	24	3
7	$1\frac{3}{4}$	21	$11\frac{7}{8}$	7	$6\frac{1}{8}$	23	$1\frac{5}{8}$	7	$10\frac{1}{2}$	24	$3\frac{3}{8}$
7	$1\frac{7}{8}$	22	$0\frac{1}{4}-\frac{1}{16}$	7	$6\frac{1}{4}$	23	2	7	$10\frac{5}{8}$	24	$3\frac{3}{4}-\frac{1}{16}$
7	2	22	$0\frac{5}{8}-\frac{1}{16}$	7	$6\frac{3}{8}$	23	$2\frac{3}{8}$	7	$10\frac{3}{4}$	24	$4\frac{1}{8}-\frac{1}{16}$
7	$2\frac{1}{8}$	22	$1\frac{1}{8}$	7	$6\frac{1}{2}$	23	$2\frac{3}{4}-\frac{1}{16}$	7	$10\frac{7}{8}$	24	$4\frac{1}{2}-\frac{1}{16}$
7	$2\frac{1}{4}$	22	$1\frac{1}{2}$	7	$6\frac{5}{8}$	23	$3\frac{1}{8}-\frac{1}{16}$	7	11	24	5
7	$2\frac{3}{8}$	22	$1\frac{7}{8}$	7	$6\frac{3}{4}$	23	$3\frac{1}{2}-\frac{1}{16}$	7	$11\frac{1}{8}$	24	$5\frac{3}{8}$
7	$2\frac{1}{2}$	22	$2\frac{1}{4}$	7	$6\frac{7}{8}$	23	4	7	$11\frac{1}{4}$	24	$5\frac{3}{4}$
7	$2\frac{5}{8}$	22	$2\frac{5}{8}$	7	7	23	$4\frac{3}{8}$	7	$11\frac{3}{8}$	24	$6\frac{1}{8}$
7	$2\frac{3}{4}$	22	3	7	$7\frac{1}{8}$	23	$4\frac{3}{4}-\frac{1}{16}$	7	$11\frac{1}{2}$	24	$6\frac{1}{2}$
7	$2\frac{7}{8}$	22	$3\frac{3}{8}$	7	$7\frac{1}{4}$	23	$5\frac{1}{8}-\frac{1}{16}$	7	$11\frac{5}{8}$	24	$6\frac{7}{8}$
7	3	22	$3\frac{3}{4}-\frac{1}{16}$	7	$7\frac{3}{8}$	23	$5\frac{1}{2}-\frac{1}{16}$	7	$11\frac{3}{4}$	24	$7\frac{1}{4}-\frac{1}{16}$
7	$3\frac{1}{8}$	22	$4\frac{1}{8}-\frac{1}{16}$	7	$7\frac{1}{2}$	23	6	7	$11\frac{7}{8}$	24	$7\frac{5}{8}-\frac{1}{16}$
7	$3\frac{1}{4}$	22	$4\frac{1}{2}-\frac{1}{16}$	7	$7\frac{5}{8}$	23	$6\frac{3}{8}$	8	0	24	$8\frac{1}{8}$
7	$3\frac{3}{8}$	22	5	7	$7\frac{3}{4}$	23	$6\frac{3}{4}$	8	$0\frac{1}{8}$	24	$8\frac{1}{2}$
7	$3\frac{1}{2}$	22	$5\frac{3}{8}$	7	$7\frac{7}{8}$	23	$7\frac{1}{8}$	8	$0\frac{1}{4}$	24	$8\frac{7}{8}$

Diagonal Measurement at the Root, $\frac{7}{8}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
8	$0\frac{3}{8}$	24	$9\frac{1}{4}-\frac{1}{16}$	8	$4\frac{3}{4}$	25	11	8	$9\frac{1}{8}$	27	$0\frac{5}{8}-\frac{1}{16}$
8	$0\frac{1}{2}$	24	$9\frac{5}{8}-\frac{1}{16}$	8	$4\frac{7}{8}$	25	$11\frac{3}{8}$	8	$9\frac{1}{4}$	27	$1\frac{1}{16}$
8	$0\frac{5}{8}$	24	$10\frac{1}{16}$	8	5	25	$11\frac{3}{4}-\frac{1}{16}$	8	$9\frac{3}{8}$	27	$1\frac{1}{2}$
8	$0\frac{3}{4}$	24	$10\frac{3}{8}-\frac{1}{16}$	8	$5\frac{1}{8}$	26	$0\frac{3}{8}-\frac{1}{16}$	8	$9\frac{1}{2}$	27	$1\frac{7}{8}-\frac{1}{16}$
8	$0\frac{7}{8}$	24	$10\frac{3}{4}-\frac{1}{16}$	8	$5\frac{1}{4}$	26	$0\frac{1}{2}-\frac{1}{16}$	8	$9\frac{5}{8}$	27	$2\frac{1}{4}-\frac{1}{16}$
8	1	24	$11\frac{1}{8}-\frac{1}{16}$	8	$5\frac{3}{8}$	26	1	8	$9\frac{3}{4}$	27	$2\frac{5}{8}-\frac{1}{16}$
8	$1\frac{1}{8}$	24	$11\frac{1}{2}-\frac{1}{16}$	8	$5\frac{1}{2}$	26	$1\frac{3}{8}$	8	$9\frac{7}{8}$	27	$3\frac{1}{16}$
8	$1\frac{1}{4}$	25	0	8	$5\frac{5}{8}$	26	$1\frac{3}{4}-\frac{1}{16}$	8	10	27	$3\frac{1}{2}$
8	$1\frac{3}{8}$	25	$0\frac{3}{8}$	8	$5\frac{3}{4}$	26	$2\frac{1}{8}-\frac{1}{16}$	8	$10\frac{1}{8}$	27	$3\frac{7}{8}$
8	$1\frac{1}{2}$	25	$0\frac{3}{4}-\frac{1}{16}$	8	$5\frac{7}{8}$	26	$2\frac{1}{2}-\frac{1}{16}$	8	$10\frac{1}{4}$	27	$4\frac{1}{4}$
8	$1\frac{5}{8}$	25	$1\frac{1}{8}-\frac{1}{16}$	8	6	26	$2\frac{7}{8}-\frac{1}{16}$	8	$10\frac{3}{8}$	27	$4\frac{5}{8}-\frac{1}{16}$
8	$1\frac{3}{4}$	25	$1\frac{1}{2}-\frac{1}{16}$	8	$6\frac{1}{8}$	26	$3\frac{1}{4}-\frac{1}{16}$	8	$10\frac{1}{2}$	27	$5\frac{1}{16}$
8	$1\frac{7}{8}$	25	2	8	$6\frac{1}{4}$	26	$3\frac{5}{8}-\frac{1}{16}$	8	$10\frac{5}{8}$	27	$5\frac{3}{8}-\frac{1}{16}$
8	2	25	$2\frac{3}{8}$	8	$6\frac{3}{8}$	26	$4\frac{1}{8}$	8	$10\frac{3}{4}$	27	$5\frac{3}{4}-\frac{1}{16}$
8	$2\frac{1}{8}$	25	$2\frac{3}{4}-\frac{1}{16}$	8	$6\frac{1}{2}$	26	$4\frac{1}{2}$	8	$10\frac{7}{8}$	27	$6\frac{1}{4}$
8	$2\frac{1}{4}$	25	$3\frac{1}{8}-\frac{1}{16}$	8	$6\frac{5}{8}$	26	$4\frac{7}{8}$	8	11	27	$6\frac{5}{8}$
8	$2\frac{3}{8}$	25	$3\frac{1}{2}-\frac{1}{16}$	8	$6\frac{3}{4}$	26	$5\frac{1}{4}-\frac{1}{16}$	8	$11\frac{1}{8}$	27	7
8	$2\frac{1}{2}$	25	$3\frac{7}{8}-\frac{1}{16}$	8	$6\frac{7}{8}$	26	$5\frac{5}{8}-\frac{1}{16}$	8	$11\frac{1}{4}$	27	$7\frac{3}{8}-\frac{1}{16}$
8	$2\frac{5}{8}$	25	$4\frac{1}{4}-\frac{1}{16}$	8	7	26	$6\frac{1}{16}$	8	$11\frac{3}{8}$	27	$7\frac{3}{4}-\frac{1}{16}$
8	$2\frac{3}{4}$	25	$4\frac{5}{8}-\frac{1}{16}$	8	$7\frac{1}{8}$	26	$6\frac{3}{8}-\frac{1}{16}$	8	$11\frac{1}{2}$	27	$8\frac{1}{8}-\frac{1}{16}$
8	$2\frac{7}{8}$	25	$5\frac{1}{8}$	8	$7\frac{1}{4}$	26	$6\frac{3}{4}-\frac{1}{16}$	8	$11\frac{5}{8}$	27	$8\frac{1}{2}-\frac{1}{16}$
8	3	25	$5\frac{1}{2}$	8	$7\frac{3}{8}$	26	$7\frac{1}{4}$	8	$11\frac{3}{4}$	27	9
8	$3\frac{1}{8}$	25	$5\frac{7}{8}$	8	$7\frac{1}{2}$	26	$7\frac{5}{8}$	8	$11\frac{7}{8}$	27	$9\frac{3}{8}$
8	$3\frac{1}{4}$	25	$6\frac{1}{4}-\frac{1}{16}$	8	$7\frac{5}{8}$	26	8	9	0	27	$9\frac{3}{4}$
8	$3\frac{3}{8}$	25	$6\frac{5}{8}-\frac{1}{16}$	8	$7\frac{3}{4}$	26	$8\frac{3}{8}-\frac{1}{16}$	9	$0\frac{1}{8}$	27	$10\frac{1}{8}$
8	$3\frac{1}{2}$	25	$7\frac{1}{8}$	8	$7\frac{7}{8}$	26	$8\frac{3}{4}-\frac{1}{16}$	9	$0\frac{1}{4}$	27	$10\frac{1}{2}$
8	$3\frac{5}{8}$	25	$7\frac{1}{2}$	8	8	26	$9\frac{1}{8}-\frac{1}{16}$	9	$0\frac{3}{8}$	27	$10\frac{7}{8}-\frac{1}{16}$
8	$3\frac{3}{4}$	25	$7\frac{7}{8}$	8	$8\frac{1}{8}$	26	$9\frac{1}{2}-\frac{1}{16}$	9	$0\frac{1}{2}$	27	$11\frac{1}{4}-\frac{1}{16}$
8	$3\frac{7}{8}$	25	$8\frac{1}{4}-\frac{1}{16}$	8	$8\frac{1}{4}$	26	10	9	$0\frac{5}{8}$	27	$11\frac{3}{4}$
8	4	25	$8\frac{5}{8}-\frac{1}{16}$	8	$8\frac{3}{8}$	26	$10\frac{3}{8}$	9	$0\frac{3}{4}$	28	$0\frac{1}{8}$
8	$4\frac{1}{8}$	25	$9\frac{1}{16}$	8	$8\frac{1}{2}$	26	$10\frac{3}{4}$	9	$0\frac{7}{8}$	28	$0\frac{1}{2}$
8	$4\frac{1}{4}$	25	$9\frac{3}{8}-\frac{1}{16}$	8	$8\frac{5}{8}$	26	$11\frac{1}{8}-\frac{1}{16}$	9	1	28	$0\frac{7}{8}$
8	$4\frac{3}{8}$	25	$9\frac{3}{4}-\frac{1}{16}$	8	$8\frac{3}{4}$	26	$11\frac{1}{2}-\frac{1}{16}$	9	$1\frac{1}{8}$	28	$1\frac{1}{4}-\frac{1}{16}$
8	$4\frac{1}{2}$	25	$10\frac{1}{8}-\frac{1}{16}$	8	$8\frac{7}{8}$	26	$11\frac{7}{8}-\frac{1}{16}$	9	$1\frac{1}{4}$	28	$1\frac{5}{8}-\frac{1}{16}$
8	$4\frac{5}{8}$	25	$10\frac{1}{2}-\frac{1}{16}$	8	9	27	$0\frac{1}{4}-\frac{1}{16}$	9	$1\frac{3}{8}$	28	$2\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{7}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
9	$1\frac{1}{2}$	28	$2\frac{1}{2}$	9	$5\frac{7}{8}$	29	$4\frac{1}{4}$	9	$10\frac{1}{4}$	30	6
9	$1\frac{5}{8}$	28	$2\frac{7}{8}$	9	6	29	$4\frac{5}{8}$	9	$10\frac{3}{8}$	30	$6\frac{3}{8}$
9	$1\frac{3}{4}$	28	$3\frac{1}{4}$	9	$6\frac{1}{8}$	29	5	9	$10\frac{1}{2}$	30	$6\frac{3}{4}$
9	$1\frac{7}{8}$	28	$3\frac{5}{8}$	9	$6\frac{1}{4}$	29	$5\frac{3}{8}$	9	$10\frac{5}{8}$	30	$7\frac{1}{8}$
9	2	28	4	9	$6\frac{3}{8}$	29	$5\frac{3}{4}$-$\frac{1}{16}$	9	$10\frac{3}{4}$	30	$7\frac{1}{2}$
9	$2\frac{1}{8}$	28	$4\frac{3}{8}$-$\frac{1}{16}$	9	$6\frac{1}{2}$	29	$6\frac{1}{8}$-$\frac{1}{16}$	9	$10\frac{7}{8}$	30	$7\frac{7}{8}$-$\frac{1}{16}$
9	$2\frac{1}{4}$	28	$4\frac{7}{8}$	9	$6\frac{5}{8}$	29	$6\frac{1}{2}$-$\frac{1}{16}$	9	11	30	$8\frac{1}{4}$-$\frac{1}{16}$
9	$2\frac{3}{8}$	28	$5\frac{1}{4}$	9	$6\frac{3}{4}$	29	7	9	$11\frac{1}{8}$	30	$8\frac{3}{4}$
9	$2\frac{1}{2}$	28	$5\frac{5}{8}$	9	$6\frac{7}{8}$	29	$7\frac{3}{8}$	9	$11\frac{1}{4}$	30	$9\frac{1}{8}$
9	$2\frac{5}{8}$	28	6	9	7	29	$7\frac{3}{4}$	9	$11\frac{3}{8}$	30	$9\frac{1}{2}$
9	$2\frac{3}{4}$	28	$6\frac{3}{8}$	9	$7\frac{1}{8}$	29	$8\frac{1}{8}$	9	$11\frac{1}{2}$	30	$9\frac{7}{8}$
9	$2\frac{7}{8}$	28	$6\frac{3}{4}$-$\frac{1}{16}$	9	$7\frac{1}{4}$	29	$8\frac{1}{2}$-$\frac{1}{16}$	9	$11\frac{5}{8}$	30	$10\frac{1}{4}$
9	3	28	$7\frac{1}{8}$-$\frac{1}{16}$	9	$7\frac{3}{8}$	29	$8\frac{7}{8}$-$\frac{1}{16}$	9	$11\frac{3}{4}$	30	$10\frac{5}{8}$-$\frac{1}{16}$
9	$3\frac{1}{8}$	28	$7\frac{1}{2}$-$\frac{1}{16}$	9	$7\frac{1}{2}$	29	$9\frac{1}{4}$-$\frac{1}{16}$	9	$11\frac{7}{8}$	30	$11\frac{1}{16}$
9	$3\frac{1}{4}$	28	8	9	$7\frac{5}{8}$	29	$9\frac{3}{4}$	10	0	30	$11\frac{3}{8}$-$\frac{1}{16}$
9	$3\frac{3}{8}$	28	$8\frac{3}{8}$	9	$7\frac{3}{4}$	29	$10\frac{1}{8}$	10	$0\frac{1}{8}$	30	$11\frac{3}{4}$-$\frac{1}{16}$
9	$3\frac{1}{2}$	28	$8\frac{3}{4}$	9	$7\frac{7}{8}$	29	$10\frac{1}{2}$	10	$0\frac{1}{4}$	31	$0\frac{1}{4}$
9	$3\frac{5}{8}$	28	$9\frac{1}{8}$	9	8	29	$10\frac{7}{8}$	10	$0\frac{3}{8}$	31	$0\frac{5}{8}$
9	$3\frac{3}{4}$	28	$9\frac{1}{2}$	9	$8\frac{1}{8}$	29	$11\frac{1}{4}$-$\frac{1}{16}$	10	$0\frac{1}{2}$	31	1
9	$3\frac{7}{8}$	28	$9\frac{7}{8}$-$\frac{1}{16}$	9	$8\frac{1}{4}$	29	$11\frac{5}{8}$-$\frac{1}{16}$	10	$0\frac{5}{8}$	31	$1\frac{3}{8}$-$\frac{1}{16}$
9	4	28	$10\frac{1}{4}$-$\frac{1}{16}$	9	$8\frac{3}{8}$	30	$0\frac{1}{16}$	10	$0\frac{3}{4}$	31	$1\frac{3}{4}$-$\frac{1}{16}$
9	$4\frac{1}{8}$	28	$10\frac{3}{4}$	9	$8\frac{1}{2}$	30	$0\frac{3}{8}$-$\frac{1}{16}$	10	$0\frac{7}{8}$	31	$2\frac{1}{4}$
9	$4\frac{1}{4}$	28	$11\frac{1}{8}$	9	$8\frac{5}{8}$	30	$0\frac{7}{8}$	10	1	31	$2\frac{5}{8}$
9	$4\frac{3}{8}$	28	$11\frac{1}{2}$	9	$8\frac{3}{4}$	30	$1\frac{1}{4}$	10	$1\frac{1}{8}$	31	3
9	$4\frac{1}{2}$	28	$11\frac{7}{8}$	9	$8\frac{7}{8}$	30	$1\frac{5}{8}$	10	$1\frac{1}{4}$	31	$3\frac{3}{8}$
9	$4\frac{5}{8}$	29	$0\frac{1}{4}$-$\frac{1}{16}$	9	9	30	2	10	$1\frac{3}{8}$	31	$3\frac{3}{4}$
9	$4\frac{3}{4}$	29	$0\frac{5}{8}$-$\frac{1}{16}$	9	$9\frac{1}{8}$	30	$2\frac{3}{8}$-$\frac{1}{16}$	10	$1\frac{1}{2}$	31	$4\frac{1}{8}$
9	$4\frac{7}{8}$	29	$1\frac{1}{16}$	9	$9\frac{1}{4}$	30	$2\frac{3}{4}$-$\frac{1}{16}$	10	$1\frac{5}{8}$	31	$4\frac{1}{2}$-$\frac{1}{16}$
9	5	29	$1\frac{1}{2}$	9	$9\frac{3}{8}$	30	$3\frac{1}{4}$	10	$1\frac{3}{4}$	31	5
9	$5\frac{1}{8}$	29	$1\frac{7}{8}$	9	$9\frac{1}{2}$	30	$3\frac{5}{8}$	10	$1\frac{7}{8}$	31	$5\frac{3}{8}$
9	$5\frac{1}{4}$	29	$2\frac{1}{4}$	9	$9\frac{5}{8}$	30	4	10	2	31	$5\frac{3}{4}$
9	$5\frac{3}{8}$	29	$2\frac{5}{8}$	9	$9\frac{3}{4}$	30	$4\frac{3}{8}$	10	$2\frac{1}{8}$	31	$6\frac{1}{8}$
9	$5\frac{1}{2}$	29	3	9	$9\frac{7}{8}$	30	$4\frac{3}{4}$	10	$2\frac{1}{4}$	31	$6\frac{1}{2}$
9	$5\frac{5}{8}$	29	$3\frac{3}{8}$-$\frac{1}{16}$	9	10	30	$5\frac{1}{8}$-$\frac{1}{16}$	10	$2\frac{3}{8}$	31	$6\frac{7}{8}$-$\frac{1}{16}$
9	$5\frac{3}{4}$	29	$3\frac{3}{4}$-$\frac{1}{16}$	9	$10\frac{1}{8}$	30	$5\frac{1}{2}$-$\frac{1}{16}$	10	$2\frac{1}{2}$	31	$7\frac{1}{4}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{7}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
10	$2\frac{5}{8}$	31	$7\frac{5}{8}-\frac{1}{16}$	10	7	32	$9\frac{3}{8}-\frac{1}{16}$	10	$11\frac{3}{8}$	33	$11\frac{1}{8}-\frac{1}{16}$
10	$2\frac{3}{4}$	31	$8\frac{1}{8}$	10	$7\frac{1}{8}$	32	$9\frac{3}{4}-\frac{1}{16}$	10	$11\frac{1}{2}$	33	$11\frac{1}{2}-\frac{1}{16}$
10	$2\frac{7}{8}$	31	$8\frac{1}{2}$	10	$7\frac{1}{4}$	32	$10\frac{1}{4}$	10	$11\frac{5}{8}$	34	0
10	3	31	$8\frac{7}{8}$	10	$7\frac{3}{8}$	32	$10\frac{5}{8}$	10	$11\frac{3}{4}$	34	$0\frac{3}{8}$
10	$3\frac{1}{8}$	31	$9\frac{1}{4}$	10	$7\frac{1}{2}$	32	11	10	$11\frac{7}{8}$	34	$0\frac{3}{4}$
10	$3\frac{1}{4}$	31	$9\frac{5}{8}-\frac{1}{16}$	10	$7\frac{5}{8}$	32	$11\frac{3}{8}-\frac{1}{16}$	11	0	34	$1\frac{1}{8}-\frac{1}{16}$
10	$3\frac{3}{8}$	31	$10\frac{1}{16}$	10	$7\frac{3}{4}$	32	$11\frac{3}{4}-\frac{1}{16}$	11	$0\frac{1}{8}$	34	$1\frac{1}{2}-\frac{1}{16}$
10	$3\frac{1}{2}$	31	$10\frac{3}{8}-\frac{1}{16}$	10	$7\frac{7}{8}$	33	$0\frac{1}{4}$	11	$0\frac{1}{4}$	34	$1\frac{7}{8}-\frac{1}{16}$
10	$3\frac{5}{8}$	31	$10\frac{7}{8}$	10	8	33	$0\frac{5}{8}$	11	$0\frac{3}{8}$	34	$2\frac{1}{4}-\frac{1}{16}$
10	$3\frac{3}{4}$	31	$11\frac{1}{4}$	10	$8\frac{1}{8}$	33	1	11	$0\frac{1}{2}$	34	$2\frac{3}{4}$
10	$3\frac{7}{8}$	31	$11\frac{5}{8}$	10	$8\frac{1}{4}$	33	$1\frac{3}{8}$	11	$0\frac{5}{8}$	34	$3\frac{1}{8}$
10	4	32	0	10	$8\frac{3}{8}$	33	$1\frac{3}{4}$	11	$0\frac{3}{4}$	34	$3\frac{1}{2}$
10	$4\frac{1}{8}$	32	$0\frac{3}{8}-\frac{1}{16}$	10	$8\frac{1}{2}$	33	$2\frac{1}{8}-\frac{1}{16}$	11	$0\frac{7}{8}$	34	$3\frac{7}{8}-\frac{1}{16}$
10	$4\frac{1}{4}$	32	$0\frac{3}{4}-\frac{1}{16}$	10	$8\frac{5}{8}$	33	$2\frac{1}{2}-\frac{1}{16}$	11	1	34	$4\frac{1}{4}-\frac{1}{16}$
10	$4\frac{3}{8}$	32	$1\frac{1}{8}-\frac{1}{16}$	10	$8\frac{3}{4}$	33	3	11	$1\frac{1}{8}$	34	$4\frac{5}{8}-\frac{1}{16}$
10	$4\frac{1}{2}$	32	$1\frac{5}{8}$	10	$8\frac{7}{8}$	33	$3\frac{3}{8}$	11	$1\frac{1}{4}$	34	$5\frac{1}{16}$
10	$4\frac{5}{8}$	32	2	10	9	33	$3\frac{3}{4}$	11	$1\frac{3}{8}$	34	$5\frac{1}{2}$
10	$4\frac{3}{4}$	32	$2\frac{3}{8}$	10	$9\frac{1}{8}$	33	$4\frac{1}{8}$	11	$1\frac{1}{2}$	34	$5\frac{7}{8}$
10	$4\frac{7}{8}$	32	$2\frac{3}{4}-\frac{1}{16}$	10	$9\frac{1}{4}$	33	$4\frac{1}{2}$	11	$1\frac{5}{8}$	34	$6\frac{1}{4}$
10	5	32	$3\frac{1}{8}-\frac{1}{16}$	10	$9\frac{3}{8}$	33	$4\frac{7}{8}$	11	$1\frac{3}{4}$	34	$6\frac{5}{8}-\frac{1}{16}$
10	$5\frac{1}{8}$	32	$3\frac{1}{2}-\frac{1}{16}$	10	$9\frac{1}{2}$	33	$5\frac{1}{4}-\frac{1}{16}$	11	$1\frac{7}{8}$	34	$7\frac{1}{16}$
10	$5\frac{1}{4}$	32	$3\frac{7}{8}-\frac{1}{16}$	10	$9\frac{5}{8}$	33	$5\frac{5}{8}-\frac{1}{16}$	11	2	34	$7\frac{3}{8}-\frac{1}{16}$
10	$5\frac{3}{8}$	32	$4\frac{3}{8}$	10	$9\frac{3}{4}$	33	$6\frac{1}{16}$	11	$2\frac{1}{8}$	34	$7\frac{3}{4}-\frac{1}{16}$
10	$5\frac{1}{2}$	32	$4\frac{3}{4}$	10	$9\frac{7}{8}$	33	$6\frac{1}{2}$	11	$2\frac{1}{4}$	34	$8\frac{1}{4}$
10	$5\frac{5}{8}$	32	$5\frac{1}{8}$	10	10	33	$6\frac{7}{8}$	11	$2\frac{3}{8}$	34	$8\frac{5}{8}$
10	$5\frac{3}{4}$	32	$5\frac{1}{2}$	10	$10\frac{1}{8}$	33	$7\frac{1}{4}$	11	$2\frac{1}{2}$	34	9
10	$5\frac{7}{8}$	32	$5\frac{7}{8}-\frac{1}{16}$	10	$10\frac{1}{4}$	33	$7\frac{5}{8}-\frac{1}{16}$	11	$2\frac{5}{8}$	34	$9\frac{3}{8}$
10	6	32	$6\frac{1}{4}-\frac{1}{16}$	10	$10\frac{3}{8}$	33	$8\frac{1}{16}$	11	$2\frac{3}{4}$	34	$9\frac{3}{4}-\frac{1}{16}$
10	$6\frac{1}{8}$	32	$6\frac{5}{8}-\frac{1}{16}$	10	$10\frac{1}{2}$	33	$8\frac{3}{8}-\frac{1}{16}$	11	$2\frac{7}{8}$	34	$10\frac{1}{8}-\frac{1}{16}$
10	$6\frac{1}{4}$	32	$7\frac{1}{8}$	10	$10\frac{5}{8}$	33	$8\frac{7}{8}$	11	3	34	$10\frac{1}{2}-\frac{1}{16}$
10	$6\frac{3}{8}$	32	$7\frac{1}{2}$	10	$10\frac{3}{4}$	33	$9\frac{1}{4}$	11	$3\frac{1}{8}$	34	11
10	$6\frac{1}{2}$	32	$7\frac{7}{8}$	10	$10\frac{7}{8}$	33	$9\frac{5}{8}$	11	$3\frac{1}{4}$	34	$11\frac{3}{8}$
10	$6\frac{5}{8}$	32	$8\frac{1}{4}$	10	11	33	10	11	$3\frac{3}{8}$	34	$11\frac{3}{4}$
10	$6\frac{3}{4}$	32	$8\frac{5}{8}-\frac{1}{16}$	10	$11\frac{1}{8}$	33	$10\frac{3}{8}-\frac{1}{16}$	11	$3\frac{1}{2}$	35	$0\frac{1}{8}$
10	$6\frac{7}{8}$	32	$9\frac{1}{16}$	10	$11\frac{1}{4}$	33	$10\frac{3}{4}-\frac{1}{16}$	11	$3\frac{5}{8}$	35	$0\frac{1}{2}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{7}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In	Ft.	In.
11	$3\frac{3}{4}$	35	$0\frac{7}{8}-\frac{1}{16}$	11	$8\frac{1}{8}$	36	$2\frac{5}{8}-\frac{1}{16}$	12	$0\frac{1}{2}$	37	$4\frac{3}{8}-\frac{1}{16}$
11	$3\frac{7}{8}$	35	$1\frac{1}{4}-\frac{1}{16}$	11	$8\frac{1}{4}$	36	$3\frac{1}{16}$	12	$0\frac{5}{8}$	37	$4\frac{3}{4}-\frac{1}{16}$
11	4	35	$1\frac{3}{4}$	11	$8\frac{3}{8}$	36	$3\frac{1}{2}$	12	$0\frac{3}{4}$	37	$5\frac{1}{4}$
11	$4\frac{1}{8}$	35	$2\frac{1}{8}$	11	$8\frac{1}{2}$	36	$3\frac{7}{8}$	12	$0\frac{7}{8}$	37	$5\frac{5}{8}$
11	$4\frac{1}{4}$	35	$2\frac{1}{2}$	11	$8\frac{5}{8}$	36	$4\frac{1}{4}$	12	1	37	6
11	$4\frac{3}{8}$	35	$2\frac{7}{8}$	11	$8\frac{3}{4}$	36	$4\frac{5}{8}$	12	$1\frac{1}{8}$	37	$6\frac{3}{8}$
11	$4\frac{1}{2}$	35	$3\frac{1}{4}-\frac{1}{16}$	11	$8\frac{7}{8}$	36	5	12	$1\frac{1}{4}$	37	$6\frac{3}{4}$
11	$4\frac{5}{8}$	35	$3\frac{5}{8}-\frac{1}{16}$	11	9	36	$5\frac{3}{8}-\frac{1}{16}$	12	$1\frac{3}{8}$	37	$7\frac{1}{8}-\frac{1}{16}$
11	$4\frac{3}{4}$	35	$4\frac{1}{16}$	11	$9\frac{1}{8}$	36	$5\frac{3}{4}-\frac{1}{16}$	12	$1\frac{1}{2}$	37	$7\frac{1}{2}-\frac{1}{16}$
11	$4\frac{7}{8}$	35	$4\frac{1}{2}$	11	$9\frac{1}{4}$	36	$6\frac{1}{4}$	12	$1\frac{5}{8}$	37	$7\frac{7}{8}-\frac{1}{16}$
11	5	35	$4\frac{7}{8}$	11	$9\frac{3}{8}$	36	$6\frac{3}{8}$	12	$1\frac{3}{4}$	37	$8\frac{3}{8}$
11	$5\frac{1}{8}$	35	$5\frac{1}{4}$	11	$9\frac{1}{2}$	36	7	12	$1\frac{7}{8}$	37	$8\frac{3}{4}$
11	$5\frac{1}{4}$	35	$5\frac{5}{8}$	11	$9\frac{5}{8}$	36	$7\frac{3}{8}$	12	2	37	$9\frac{1}{8}$
11	$5\frac{3}{8}$	35	$6\frac{1}{16}$	11	$9\frac{3}{4}$	36	$7\frac{3}{4}-\frac{1}{16}$	12	$2\frac{1}{8}$	37	$9\frac{1}{2}$
11	$5\frac{1}{2}$	35	$6\frac{3}{8}-\frac{1}{16}$	11	$9\frac{7}{8}$	36	$8\frac{1}{8}-\frac{1}{16}$	12	$2\frac{1}{4}$	37	$9\frac{7}{8}$
11	$5\frac{5}{8}$	35	$6\frac{3}{4}-\frac{1}{16}$	11	10	36	$8\frac{1}{2}-\frac{1}{16}$	12	$2\frac{3}{8}$	37	$10\frac{1}{4}-\frac{1}{16}$
11	$5\frac{3}{4}$	35	$7\frac{1}{4}$	11	$10\frac{1}{8}$	36	9	12	$2\frac{1}{2}$	37	$10\frac{3}{4}$
11	$5\frac{7}{8}$	35	$7\frac{3}{8}$	11	$10\frac{1}{4}$	36	$9\frac{3}{8}$	12	$2\frac{5}{8}$	37	$11\frac{1}{8}$
11	6	35	8	11	$10\frac{3}{8}$	36	$9\frac{3}{4}$	12	$2\frac{3}{4}$	37	$11\frac{1}{2}$
11	$6\frac{1}{8}$	35	$8\frac{3}{8}-\frac{1}{16}$	11	$10\frac{1}{2}$	36	$10\frac{1}{8}$	12	$2\frac{7}{8}$	37	$11\frac{7}{8}-\frac{1}{16}$
11	$6\frac{1}{4}$	35	$8\frac{3}{4}-\frac{1}{16}$	11	$10\frac{5}{8}$	36	$10\frac{1}{2}-\frac{1}{16}$	12	3	38	$0\frac{1}{4}-\frac{1}{16}$
11	$6\frac{3}{8}$	35	$9\frac{1}{8}-\frac{1}{16}$	11	$10\frac{3}{4}$	36	$10\frac{7}{8}-\frac{1}{16}$	12	$3\frac{1}{8}$	38	$0\frac{3}{4}$
11	$6\frac{1}{2}$	35	$9\frac{1}{2}-\frac{1}{16}$	11	$10\frac{7}{8}$	36	$11\frac{1}{4}-\frac{1}{16}$	12	$3\frac{1}{4}$	38	$1\frac{1}{8}$
11	$6\frac{5}{8}$	35	10	11	11	36	$11\frac{3}{4}$	12	$3\frac{3}{8}$	38	$1\frac{1}{2}$
11	$6\frac{3}{4}$	35	$10\frac{3}{8}$	11	$11\frac{1}{8}$	37	$0\frac{1}{8}$	12	$3\frac{1}{2}$	38	$1\frac{7}{8}$
11	$6\frac{7}{8}$	35	$10\frac{3}{4}$	11	$11\frac{1}{4}$	37	$0\frac{1}{2}$	12	$3\frac{5}{8}$	38	$2\frac{1}{4}$
11	7	35	$11\frac{1}{8}$	11	$11\frac{3}{8}$	37	$0\frac{7}{8}$	12	$3\frac{3}{4}$	38	$2\frac{5}{8}$
11	$7\frac{1}{8}$	35	$11\frac{1}{2}-\frac{1}{16}$	11	$11\frac{1}{2}$	37	$1\frac{1}{4}-\frac{1}{16}$	12	$3\frac{7}{8}$	38	3
11	$7\frac{1}{4}$	35	$11\frac{7}{8}-\frac{1}{16}$	11	$11\frac{5}{8}$	37	$1\frac{5}{8}-\frac{1}{16}$	12	4	38	$3\frac{3}{8}$
11	$7\frac{3}{8}$	36	$0\frac{1}{4}-\frac{1}{16}$	11	$11\frac{3}{4}$	37	$2\frac{1}{16}$	12	$4\frac{1}{8}$	38	$3\frac{3}{4}-\frac{1}{16}$
11	$7\frac{1}{2}$	36	$0\frac{5}{8}-\frac{1}{16}$	11	$11\frac{7}{8}$	37	$2\frac{3}{8}-\frac{1}{16}$	12	$4\frac{1}{4}$	38	$4\frac{1}{8}-\frac{1}{16}$
11	$7\frac{5}{8}$	36	$1\frac{1}{8}$	12	0	37	$2\frac{7}{8}$	12	$4\frac{3}{8}$	38	$4\frac{5}{8}$
11	$7\frac{3}{4}$	36	$1\frac{1}{2}$	12	$0\frac{1}{8}$	37	$3\frac{1}{4}$	12	$4\frac{1}{2}$	38	5
11	$7\frac{7}{8}$	36	$1\frac{7}{8}$	12	$0\frac{1}{4}$	37	$3\frac{5}{8}$	12	$4\frac{5}{8}$	38	$5\frac{3}{8}$
11	8	36	$2\frac{1}{4}-\frac{1}{16}$	12	$0\frac{3}{8}$	37	$4\frac{1}{16}$	12	$4\frac{3}{4}$	38	$5\frac{3}{4}-\frac{1}{16}$

Diagonal Measurement at the Root, $\frac{7}{8}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
12	$4\frac{7}{8}$	38	$6\frac{1}{4}$	12	$7\frac{3}{8}$	39	2	12	$9\frac{7}{8}$	39	$9\frac{7}{8}$
12	5	38	$6\frac{5}{8}$	12	$7\frac{1}{2}$	39	$2\frac{3}{8}-\frac{1}{16}$	12	10	39	$10\frac{1}{4}-\frac{1}{16}$
12	$5\frac{1}{8}$	38	7	12	$7\frac{5}{8}$	39	$2\frac{3}{4}-\frac{1}{16}$	12	$10\frac{1}{8}$	39	$10\frac{5}{8}-\frac{1}{16}$
12	$5\frac{1}{4}$	38	$7\frac{3}{8}$	12	$7\frac{3}{4}$	39	$3\frac{1}{4}$	12	$10\frac{1}{4}$	39	$11\frac{1}{16}$
12	$5\frac{3}{8}$	38	$7\frac{3}{4}$	12	$7\frac{7}{8}$	39	$3\frac{5}{8}$	12	$10\frac{3}{8}$	39	$11\frac{3}{8}-\frac{1}{16}$
12	$5\frac{1}{2}$	38	$8\frac{1}{8}$	12	8	39	4	12	$10\frac{1}{2}$	39	$11\frac{3}{4}-\frac{1}{16}$
12	$5\frac{5}{8}$	38	$8\frac{1}{2}-\frac{1}{16}$	12	$8\frac{1}{8}$	39	$4\frac{3}{8}-\frac{1}{16}$	12	$10\frac{5}{8}$	40	$0\frac{1}{4}$
12	$5\frac{3}{4}$	38	$8\frac{7}{8}-\frac{1}{16}$	12	$8\frac{1}{4}$	39	$4\frac{3}{4}-\frac{1}{16}$	12	$10\frac{3}{4}$	40	$0\frac{5}{8}$
12	$5\frac{7}{8}$	38	$9\frac{1}{4}-\frac{1}{16}$	12	$8\frac{3}{8}$	39	$5\frac{1}{8}-\frac{1}{16}$	12	$10\frac{7}{8}$	40	1
12	6	38	$9\frac{3}{4}$	12	$8\frac{1}{2}$	39	$5\frac{1}{2}-\frac{1}{16}$	12	11	40	$1\frac{3}{8}-\frac{1}{16}$
12	$6\frac{1}{8}$	38	$10\frac{1}{8}$	12	$8\frac{5}{8}$	39	$5\frac{7}{8}-\frac{1}{16}$	12	$11\frac{1}{8}$	40	$1\frac{3}{4}-\frac{1}{16}$
12	$6\frac{1}{4}$	38	$10\frac{1}{2}$	12	$8\frac{3}{4}$	39	$6\frac{3}{8}$	12	$11\frac{1}{4}$	40	$2\frac{1}{8}-\frac{1}{16}$
12	$6\frac{3}{8}$	38	$10\frac{7}{8}$	12	$8\frac{7}{8}$	39	$6\frac{3}{4}$	12	$11\frac{3}{8}$	40	$2\frac{1}{2}-\frac{1}{16}$
12	$6\frac{1}{2}$	38	$11\frac{1}{4}$	12	9	39	$7\frac{1}{8}$	12	$11\frac{1}{2}$	40	$2\frac{7}{8}-\frac{1}{16}$
12	$6\frac{5}{8}$	38	$11\frac{5}{8}-\frac{1}{16}$	12	$9\frac{1}{8}$	39	$7\frac{1}{2}$	12	$11\frac{5}{8}$	40	$3\frac{5}{8}$
12	$6\frac{3}{4}$	39	$0\frac{1}{16}$	12	$9\frac{1}{4}$	39	$7\frac{7}{8}-\frac{1}{16}$	12	$11\frac{3}{4}$	40	$3\frac{3}{4}-\frac{1}{16}$
12	$6\frac{7}{8}$	39	$0\frac{3}{8}-\frac{1}{16}$	12	$9\frac{3}{8}$	39	$8\frac{1}{4}-\frac{1}{16}$	12	$11\frac{7}{8}$	40	$4\frac{1}{8}-\frac{1}{16}$
12	7	39	$0\frac{7}{8}$	12	$9\frac{1}{2}$	39	$8\frac{5}{8}-\frac{1}{16}$	13	0	40	$4\frac{1}{2}-\frac{1}{16}$
12	$7\frac{1}{8}$	39	$1\frac{1}{4}$	12	$9\frac{5}{8}$	39	$9\frac{1}{8}$				
12	$7\frac{1}{4}$	39	$1\frac{5}{8}$	12	$9\frac{3}{4}$	39	$9\frac{1}{2}$				

Diagonal Measurement at the Root, $\frac{15}{16}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	0	2	$7\frac{3}{4}-\frac{1}{16}$	1	1	2	$10\frac{7}{8}-\frac{1}{16}$	1	2	3	$2\frac{1}{16}$
1	$0\frac{1}{8}$	2	$8\frac{1}{8}-\frac{1}{16}$	1	$1\frac{1}{8}$	2	$11\frac{1}{4}-\frac{1}{16}$	1	$2\frac{1}{8}$	3	$2\frac{3}{8}-\frac{1}{16}$
1	$0\frac{1}{4}$	2	$8\frac{1}{2}-\frac{1}{16}$	1	$1\frac{1}{4}$	2	$11\frac{3}{8}-\frac{1}{16}$	1	$2\frac{1}{4}$	3	$2\frac{3}{4}-\frac{1}{16}$
1	$0\frac{3}{8}$	2	$8\frac{7}{8}-\frac{1}{16}$	1	$1\frac{3}{8}$	3	$0\frac{1}{16}$	1	$2\frac{3}{8}$	3	$3\frac{1}{4}$
1	$0\frac{1}{2}$	2	$9\frac{1}{4}-\frac{1}{16}$	1	$1\frac{1}{2}$	3	$0\frac{1}{2}$	1	$2\frac{1}{2}$	3	$3\frac{5}{8}$
1	$0\frac{5}{8}$	2	$9\frac{3}{4}$	1	$1\frac{5}{8}$	3	$0\frac{7}{8}$	1	$2\frac{5}{8}$	3	$4\frac{1}{16}$
1	$0\frac{3}{4}$	2	$10\frac{1}{8}$	1	$1\frac{3}{4}$	3	$1\frac{1}{4}-\frac{1}{16}$	1	$2\frac{3}{4}$	3	$4\frac{3}{8}-\frac{1}{16}$
1	$0\frac{7}{8}$	2	$10\frac{1}{2}-\frac{1}{16}$	1	$1\frac{7}{8}$	3	$1\frac{5}{8}-\frac{1}{16}$	1	$2\frac{7}{8}$	3	$4\frac{3}{4}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	3	3	$5\frac{1}{8}-\frac{1}{16}$	1	$7\frac{3}{8}$	4	$6\frac{7}{8}-\frac{1}{16}$	1	$11\frac{3}{4}$	5	$8\frac{5}{8}-\frac{1}{16}$
1	$3\frac{1}{8}$	3	$5\frac{1}{2}-\frac{1}{16}$	1	$7\frac{1}{2}$	4	$7\frac{1}{4}-\frac{1}{16}$	1	$11\frac{7}{8}$	5	$9\frac{1}{16}$
1	$3\frac{1}{4}$	3	6	1	$7\frac{5}{8}$	4	$7\frac{3}{4}$	2	0	5	$9\frac{1}{2}$
1	$3\frac{3}{8}$	3	$6\frac{3}{8}$	1	$7\frac{3}{4}$	4	$8\frac{1}{8}$	2	$0\frac{1}{8}$	5	$9\frac{7}{8}$
1	$3\frac{1}{2}$	3	$6\frac{3}{4}-\frac{1}{16}$	1	$7\frac{7}{8}$	4	$8\frac{1}{2}$	2	$0\frac{1}{4}$	5	$10\frac{1}{4}$
1	$3\frac{5}{8}$	3	$7\frac{1}{8}-\frac{1}{16}$	1	8	4	$8\frac{7}{8}-\frac{1}{16}$	2	$0\frac{3}{8}$	5	$10\frac{5}{8}$
1	$3\frac{3}{4}$	3	$7\frac{1}{2}-\frac{1}{16}$	1	$8\frac{1}{8}$	4	$9\frac{1}{4}-\frac{1}{16}$	2	$0\frac{1}{2}$	5	$11\frac{1}{16}$
1	$3\frac{7}{8}$	3	$7\frac{7}{8}-\frac{1}{16}$	1	$8\frac{1}{4}$	4	$9\frac{5}{8}-\frac{1}{16}$	2	$0\frac{5}{8}$	5	$11\frac{3}{8}-\frac{1}{16}$
1	4	3	$8\frac{1}{4}-\frac{1}{16}$	1	$8\frac{3}{8}$	4	$10\frac{1}{16}$	2	$0\frac{3}{4}$	5	$11\frac{3}{4}-\frac{1}{16}$
1	$4\frac{1}{8}$	3	$8\frac{3}{8}$	1	$8\frac{1}{2}$	4	$10\frac{1}{2}$	2	$0\frac{7}{8}$	6	$0\frac{1}{4}$
1	$4\frac{1}{4}$	3	$9\frac{1}{8}$	1	$8\frac{5}{8}$	4	$10\frac{7}{8}$	2	1	6	$0\frac{5}{8}$
1	$4\frac{3}{8}$	3	$9\frac{1}{2}-\frac{1}{16}$	1	$8\frac{3}{4}$	4	$11\frac{1}{4}$	2	$1\frac{1}{8}$	6	1
1	$4\frac{1}{2}$	3	$9\frac{7}{8}-\frac{1}{16}$	1	$8\frac{7}{8}$	4	$11\frac{5}{8}-\frac{1}{16}$	2	$1\frac{1}{4}$	6	$1\frac{3}{8}$
1	$4\frac{5}{8}$	3	$10\frac{1}{4}-\frac{1}{16}$	1	9	5	$0\frac{1}{16}$	2	$1\frac{3}{8}$	6	$1\frac{3}{4}-\frac{1}{16}$
1	$4\frac{3}{4}$	3	$10\frac{5}{8}-\frac{1}{16}$	1	$9\frac{1}{8}$	5	$0\frac{3}{8}-\frac{1}{16}$	2	$1\frac{1}{2}$	6	$2\frac{5}{8}-\frac{1}{16}$
1	$4\frac{7}{8}$	3	$11\frac{1}{16}$	1	$9\frac{1}{4}$	5	$0\frac{3}{4}-\frac{1}{16}$	2	$1\frac{5}{8}$	6	$2\frac{1}{2}-\frac{1}{16}$
1	5	3	$11\frac{1}{2}$	1	$9\frac{3}{8}$	5	$1\frac{1}{4}$	2	$1\frac{3}{4}$	6	3
1	$5\frac{1}{8}$	3	$11\frac{7}{8}$	1	$9\frac{1}{2}$	5	$1\frac{5}{8}$	2	$1\frac{7}{8}$	6	$3\frac{3}{8}$
1	$5\frac{1}{4}$	4	$0\frac{1}{4}$	1	$9\frac{5}{8}$	5	2	2	2	6	$3\frac{3}{4}$
1	$5\frac{3}{8}$	4	$0\frac{5}{8}-\frac{1}{16}$	1	$9\frac{3}{4}$	5	$2\frac{3}{8}-\frac{1}{16}$	2	$2\frac{1}{8}$	6	$4\frac{1}{8}$
1	$5\frac{1}{2}$	4	$1\frac{1}{16}$	1	$9\frac{7}{8}$	5	$2\frac{3}{4}-\frac{1}{16}$	2	$2\frac{1}{4}$	6	$4\frac{1}{2}-\frac{1}{16}$
1	$5\frac{5}{8}$	4	$1\frac{3}{8}-\frac{1}{16}$	1	10	5	$3\frac{1}{8}-\frac{1}{16}$	2	$2\frac{3}{8}$	6	$4\frac{7}{8}-\frac{1}{16}$
1	$5\frac{3}{4}$	4	$1\frac{3}{4}-\frac{1}{16}$	1	$10\frac{1}{8}$	5	$3\frac{1}{2}-\frac{1}{16}$	2	$2\frac{1}{2}$	6	$5\frac{1}{4}-\frac{1}{16}$
1	$5\frac{7}{8}$	4	$2\frac{1}{4}$	1	$10\frac{1}{4}$	5	4	2	$2\frac{5}{8}$	6	$5\frac{3}{4}$
1	6	4	$2\frac{5}{8}$	1	$10\frac{3}{8}$	5	$4\frac{3}{8}$	2	$2\frac{3}{4}$	6	$6\frac{1}{8}$
1	$6\frac{1}{8}$	4	$3\frac{1}{16}$	1	$10\frac{1}{2}$	5	$4\frac{3}{4}$	2	$2\frac{7}{8}$	6	$6\frac{1}{2}$
1	$6\frac{1}{4}$	4	$3\frac{3}{8}-\frac{1}{16}$	1	$10\frac{5}{8}$	5	$5\frac{1}{8}-\frac{1}{16}$	2	3	6	$6\frac{7}{8}-\frac{1}{16}$
1	$6\frac{3}{8}$	4	$3\frac{3}{4}-\frac{1}{16}$	1	$10\frac{3}{4}$	5	$5\frac{1}{2}-\frac{1}{16}$	2	$3\frac{1}{8}$	6	$7\frac{1}{4}-\frac{1}{16}$
1	$6\frac{1}{2}$	4	$4\frac{1}{8}-\frac{1}{16}$	1	$10\frac{7}{8}$	5	$5\frac{7}{8}-\frac{1}{16}$	2	$3\frac{1}{4}$	6	$7\frac{3}{4}$
1	$6\frac{5}{8}$	4	$4\frac{1}{2}-\frac{1}{16}$	1	11	5	$6\frac{1}{4}-\frac{1}{16}$	2	$3\frac{3}{8}$	6	$8\frac{1}{8}$
1	$6\frac{3}{4}$	4	5	1	$11\frac{1}{8}$	5	$6\frac{3}{4}$	2	$3\frac{1}{2}$	6	$8\frac{1}{2}$
1	$6\frac{7}{8}$	4	$5\frac{3}{8}$	1	$11\frac{1}{4}$	5	$7\frac{1}{8}$	2	$3\frac{5}{8}$	6	$8\frac{7}{8}$
1	7	4	$5\frac{3}{4}-\frac{1}{16}$	1	$11\frac{3}{8}$	5	$7\frac{1}{2}$	2	$3\frac{3}{4}$	6	$9\frac{1}{4}$
1	$7\frac{1}{8}$	4	$6\frac{1}{8}-\frac{1}{16}$	1	$11\frac{1}{2}$	5	$7\frac{7}{8}$	2	$3\frac{7}{8}$	6	$9\frac{3}{8}-\frac{1}{16}$
1	$7\frac{1}{4}$	4	$6\frac{1}{2}-\frac{1}{16}$	1	$11\frac{5}{8}$	5	$8\frac{1}{4}-\frac{1}{16}$	2	4	6	$10\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
2	$4\frac{1}{8}$	6	$10\frac{3}{8}-\frac{1}{16}$	2	$8\frac{1}{2}$	8	$0\frac{1}{8}-\frac{1}{16}$	3	$0\frac{7}{8}$	9	2
2	$4\frac{1}{4}$	6	$10\frac{3}{4}-\frac{1}{16}$	2	$8\frac{5}{8}$	8	$0\frac{1}{2}-\frac{1}{16}$	3	1	9	$2\frac{3}{8}$
2	$4\frac{3}{8}$	6	$11\frac{1}{4}$	2	$8\frac{3}{4}$	8	1	3	$1\frac{1}{8}$	9	$2\frac{3}{4}$
2	$4\frac{1}{2}$	6	$11\frac{5}{8}$	2	$8\frac{7}{8}$	8	$1\frac{3}{8}$	3	$1\frac{1}{4}$	9	$3\frac{1}{8}$
2	$4\frac{5}{8}$	7	0	2	9	8	$1\frac{3}{4}-\frac{1}{16}$	3	$1\frac{3}{8}$	9	$3\frac{1}{2}$
2	$4\frac{3}{4}$	7	$0\frac{3}{8}-\frac{1}{16}$	2	$9\frac{1}{8}$	8	$2\frac{1}{8}-\frac{1}{16}$	3	$1\frac{1}{2}$	9	$3\frac{7}{8}$
2	$4\frac{7}{8}$	7	$0\frac{3}{4}-\frac{1}{16}$	2	$9\frac{1}{4}$	8	$2\frac{1}{2}-\frac{1}{16}$	3	$1\frac{5}{8}$	9	$4\frac{1}{4}-\frac{1}{16}$
2	5	7	$1\frac{1}{8}-\frac{1}{16}$	2	$9\frac{3}{8}$	8	3	3	$1\frac{3}{4}$	9	$4\frac{5}{8}-\frac{1}{16}$
2	$5\frac{1}{8}$	7	$1\frac{1}{2}-\frac{1}{16}$	2	$9\frac{1}{2}$	8	$3\frac{3}{8}$	3	$1\frac{7}{8}$	9	$5\frac{1}{16}$
2	$5\frac{1}{4}$	7	2	2	$9\frac{5}{8}$	8	$3\frac{3}{4}$	3	2	9	$5\frac{1}{2}$
2	$5\frac{3}{8}$	7	$2\frac{3}{8}$	2	$9\frac{3}{4}$	8	$4\frac{1}{8}$	3	$2\frac{1}{8}$	9	$5\frac{7}{8}$
2	$5\frac{1}{2}$	7	$2\frac{3}{4}$	2	$9\frac{7}{8}$	8	$4\frac{1}{2}$	3	$2\frac{1}{4}$	9	$6\frac{1}{4}-\frac{1}{16}$
2	$5\frac{5}{8}$	7	$3\frac{1}{8}$	2	10	8	$4\frac{7}{8}$	3	$2\frac{3}{8}$	9	$6\frac{5}{8}-\frac{1}{16}$
2	$5\frac{3}{4}$	7	$3\frac{1}{2}-\frac{1}{16}$	2	$10\frac{1}{8}$	8	$5\frac{1}{4}-\frac{1}{16}$	3	$2\frac{1}{2}$	9	$7\frac{1}{16}$
2	$5\frac{7}{8}$	7	$3\frac{7}{8}-\frac{1}{16}$	2	$10\frac{1}{4}$	8	$5\frac{5}{8}-\frac{1}{16}$	3	$2\frac{5}{8}$	9	$7\frac{3}{8}-\frac{1}{16}$
2	6	7	$4\frac{1}{4}-\frac{1}{16}$	2	$10\frac{3}{8}$	8	$6\frac{1}{16}$	3	$2\frac{3}{4}$	9	$7\frac{3}{4}-\frac{1}{16}$
2	$6\frac{1}{8}$	7	$4\frac{3}{4}$	2	$10\frac{1}{2}$	8	$6\frac{1}{2}$	3	$2\frac{7}{8}$	9	$8\frac{1}{8}-\frac{1}{16}$
2	$6\frac{1}{4}$	7	$5\frac{1}{8}$	2	$10\frac{5}{8}$	8	$6\frac{7}{8}$	3	3	9	$8\frac{1}{2}-\frac{1}{16}$
2	$6\frac{3}{8}$	7	$5\frac{1}{2}$	2	$10\frac{3}{4}$	8	$7\frac{1}{4}-\frac{1}{16}$	3	$3\frac{1}{8}$	9	9
2	$6\frac{1}{2}$	7	$5\frac{7}{8}$	2	$10\frac{7}{8}$	8	$7\frac{5}{8}-\frac{1}{16}$	3	$3\frac{1}{4}$	9	$9\frac{3}{8}$
2	$6\frac{5}{8}$	7	$6\frac{1}{4}-\frac{1}{16}$	2	11	8	$8\frac{1}{16}$	3	$3\frac{3}{8}$	9	$9\frac{3}{4}-\frac{1}{16}$
2	$6\frac{3}{4}$	7	$6\frac{5}{8}-\frac{1}{16}$	2	$11\frac{1}{8}$	8	$8\frac{1}{2}$	3	$3\frac{1}{2}$	9	$10\frac{1}{8}-\frac{1}{16}$
2	$6\frac{7}{8}$	7	$7\frac{1}{16}$	2	$11\frac{1}{4}$	8	$8\frac{7}{8}$	3	$3\frac{5}{8}$	9	$10\frac{1}{2}-\frac{1}{16}$
2	7	7	$7\frac{3}{8}-\frac{1}{16}$	2	$11\frac{3}{8}$	8	$9\frac{1}{4}$	3	$3\frac{3}{4}$	9	11
2	$7\frac{1}{8}$	7	$7\frac{7}{8}$	2	$11\frac{1}{2}$	8	$9\frac{5}{8}$	3	$3\frac{7}{8}$	9	$11\frac{3}{8}$
2	$7\frac{1}{4}$	7	$8\frac{1}{4}$	2	$11\frac{5}{8}$	8	10	3	4	9	$11\frac{3}{4}-\frac{1}{16}$
2	$7\frac{3}{8}$	7	$8\frac{5}{8}$	2	$11\frac{3}{4}$	8	$10\frac{3}{8}$	3	$4\frac{1}{8}$	10	$0\frac{1}{8}-\frac{1}{16}$
2	$7\frac{1}{2}$	7	$9\frac{1}{16}$	2	$11\frac{7}{8}$	8	$10\frac{3}{4}-\frac{1}{16}$	3	$4\frac{1}{4}$	10	$0\frac{1}{2}-\frac{1}{16}$
2	$7\frac{5}{8}$	7	$9\frac{3}{8}-\frac{1}{16}$	3	0	8	$11\frac{1}{8}-\frac{1}{16}$	3	$4\frac{3}{8}$	10	1
2	$7\frac{3}{4}$	7	$9\frac{3}{4}-\frac{1}{16}$	3	$0\frac{1}{8}$	8	$11\frac{5}{8}$	3	$4\frac{1}{2}$	10	$1\frac{3}{8}$
2	$7\frac{7}{8}$	7	$10\frac{1}{4}$	3	$0\frac{1}{4}$	9	0	3	$4\frac{5}{8}$	10	$1\frac{3}{4}$
2	8	7	$10\frac{3}{8}$	3	$0\frac{3}{8}$	9	$0\frac{3}{8}$	3	$4\frac{3}{4}$	10	$2\frac{1}{8}$
2	$8\frac{1}{8}$	7	11	3	$0\frac{1}{2}$	9	$0\frac{3}{4}-\frac{1}{16}$	3	$4\frac{7}{8}$	10	$2\frac{1}{2}$
2	$8\frac{1}{4}$	7	$11\frac{3}{8}$	3	$0\frac{5}{8}$	9	$1\frac{1}{8}-\frac{1}{16}$	3	5	10	$2\frac{7}{8}$
2	$8\frac{3}{8}$	7	$11\frac{3}{4}-\frac{1}{16}$	3	$0\frac{3}{4}$	9	$1\frac{5}{8}$	3	$5\frac{1}{8}$	10	$3\frac{1}{4}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft	In.	Ft.	In	Ft.	In.	Ft.	In.
3	$5\frac{1}{4}$	10	$3\frac{5}{8}-\frac{1}{16}$	3	$9\frac{5}{8}$	11	$5\frac{3}{8}-\frac{1}{16}$	4	2	12	$7\frac{1}{8}-\frac{1}{16}$
3	$5\frac{3}{8}$	10	$4\frac{1}{8}$	3	$9\frac{3}{4}$	11	$5\frac{3}{4}-\frac{1}{16}$	4	$2\frac{1}{8}$	12	$7\frac{1}{2}-\frac{1}{16}$
3	$5\frac{1}{2}$	10	$4\frac{1}{2}$	3	$9\frac{7}{8}$	11	$6\frac{1}{8}-\frac{1}{16}$	4	$2\frac{1}{4}$	12	8
3	$5\frac{5}{8}$	10	$4\frac{7}{8}$	3	10	11	$6\frac{1}{2}-\frac{1}{16}$	4	$2\frac{3}{8}$	12	$8\frac{3}{8}$
3	$5\frac{3}{4}$	10	$5\frac{1}{4}-\frac{1}{16}$	3	$10\frac{1}{8}$	11	7	4	$2\frac{1}{2}$	12	$8\frac{3}{4}-\frac{1}{16}$
3	$5\frac{7}{8}$	10	$5\frac{3}{8}-\frac{1}{16}$	3	$10\frac{1}{4}$	11	$7\frac{3}{8}$	4	$2\frac{5}{8}$	12	$9\frac{1}{8}-\frac{1}{16}$
3	6	10	$6\frac{1}{16}$	3	$10\frac{3}{8}$	11	$7\frac{3}{4}-\frac{1}{16}$	4	$2\frac{3}{4}$	12	$9\frac{1}{2}-\frac{1}{16}$
3	$6\frac{1}{8}$	10	$6\frac{3}{8}-\frac{1}{16}$	3	$10\frac{1}{2}$	11	$8\frac{1}{8}-\frac{1}{16}$	4	$2\frac{7}{8}$	12	$9\frac{7}{8}-\frac{1}{16}$
3	$6\frac{1}{4}$	10	$6\frac{3}{4}-\frac{1}{16}$	3	$10\frac{5}{8}$	11	$8\frac{1}{2}-\frac{1}{16}$	4	3	12	$10\frac{1}{4}-\frac{1}{16}$
3	$6\frac{3}{8}$	10	$7\frac{1}{8}-\frac{1}{16}$	3	$10\frac{3}{4}$	11	9	4	$3\frac{1}{8}$	12	$10\frac{5}{8}-\frac{1}{16}$
3	$6\frac{1}{2}$	10	$7\frac{5}{8}$	3	$10\frac{7}{8}$	11	$9\frac{3}{8}$	4	$3\frac{1}{4}$	12	$11\frac{1}{16}$
3	$6\frac{5}{8}$	10	8	3	11	11	$9\frac{3}{4}-\frac{1}{16}$	4	$3\frac{3}{8}$	12	$11\frac{1}{2}$
3	$6\frac{3}{4}$	10	$8\frac{3}{8}$	3	$11\frac{1}{8}$	11	$10\frac{1}{8}-\frac{1}{16}$	4	$3\frac{1}{2}$	12	$11\frac{7}{8}$
3	$6\frac{7}{8}$	10	$8\frac{3}{4}-\frac{1}{16}$	3	$11\frac{1}{4}$	11	$10\frac{1}{2}-\frac{1}{16}$	4	$3\frac{5}{8}$	13	$0\frac{1}{4}-\frac{1}{16}$
3	7	10	$9\frac{1}{8}-\frac{1}{16}$	3	$11\frac{3}{8}$	11	$10\frac{7}{8}-\frac{1}{16}$	4	$3\frac{3}{4}$	13	$0\frac{5}{8}-\frac{1}{16}$
3	$7\frac{1}{8}$	10	$9\frac{5}{8}$	3	$11\frac{1}{2}$	11	$11\frac{1}{4}-\frac{1}{16}$	4	$3\frac{7}{8}$	13	$1\frac{1}{16}$
3	$7\frac{1}{4}$	10	10	3	$11\frac{5}{8}$	11	$11\frac{5}{8}-\frac{1}{16}$	4	4	13	$1\frac{1}{2}$
3	$7\frac{3}{8}$	10	$10\frac{3}{8}$	3	$11\frac{3}{4}$	12	$0\frac{1}{16}$	4	$4\frac{1}{8}$	13	$1\frac{7}{8}$
3	$7\frac{1}{2}$	10	$10\frac{3}{4}-\frac{1}{16}$	3	$11\frac{7}{8}$	12	$0\frac{1}{2}$	4	$4\frac{1}{4}$	13	$2\frac{1}{4}-\frac{1}{16}$
3	$7\frac{5}{8}$	10	$11\frac{1}{8}-\frac{1}{16}$	4	0	12	$0\frac{7}{8}$	4	$4\frac{3}{8}$	13	$2\frac{5}{8}-\frac{1}{16}$
3	$7\frac{3}{4}$	10	$11\frac{1}{2}-\frac{1}{16}$	4	$0\frac{1}{8}$	12	$1\frac{1}{4}-\frac{1}{16}$	4	$4\frac{1}{2}$	13	$3\frac{1}{16}$
3	$7\frac{7}{8}$	10	$11\frac{7}{8}-\frac{1}{16}$	4	$0\frac{1}{4}$	12	$1\frac{5}{8}-\frac{1}{16}$	4	$4\frac{5}{8}$	13	$3\frac{3}{8}-\frac{1}{16}$
3	8	11	$0\frac{1}{4}-\frac{1}{16}$	4	$0\frac{3}{8}$	12	$2\frac{1}{16}$	4	$4\frac{3}{4}$	13	$3\frac{3}{4}-\frac{1}{16}$
3	$8\frac{1}{8}$	11	$0\frac{5}{8}-\frac{1}{16}$	4	$0\frac{1}{2}$	12	$2\frac{1}{2}$	4	$4\frac{7}{8}$	13	$4\frac{1}{8}-\frac{1}{16}$
3	$8\frac{1}{4}$	11	$1\frac{1}{16}$	4	$0\frac{5}{8}$	12	$2\frac{7}{8}$	4	5	13	$4\frac{1}{2}-\frac{1}{16}$
3	$8\frac{3}{8}$	11	$1\frac{1}{2}$	4	$0\frac{3}{4}$	12	$3\frac{1}{4}-\frac{1}{16}$	4	$5\frac{1}{8}$	13	5
3	$8\frac{1}{2}$	11	$1\frac{7}{8}$	4	$0\frac{7}{8}$	12	$3\frac{5}{8}-\frac{1}{16}$	4	$5\frac{1}{4}$	13	$5\frac{3}{8}$
3	$8\frac{5}{8}$	11	$2\frac{1}{4}-\frac{1}{16}$	4	1	12	$4\frac{1}{16}$	4	$5\frac{3}{8}$	13	$5\frac{3}{4}-\frac{1}{16}$
3	$8\frac{3}{4}$	11	$2\frac{5}{8}-\frac{1}{16}$	4	$1\frac{1}{8}$	12	$4\frac{3}{8}-\frac{1}{16}$	4	$5\frac{1}{2}$	13	$6\frac{1}{8}-\frac{1}{16}$
3	$8\frac{7}{8}$	11	$3\frac{1}{16}$	4	$1\frac{1}{4}$	12	$4\frac{3}{4}-\frac{1}{16}$	4	$5\frac{5}{8}$	13	$6\frac{1}{2}-\frac{1}{16}$
3	9	11	$3\frac{1}{2}$	4	$1\frac{3}{8}$	12	$5\frac{1}{8}-\frac{1}{16}$	4	$5\frac{3}{4}$	13	7
3	$9\frac{1}{8}$	11	$3\frac{7}{8}$	4	$1\frac{1}{2}$	12	$5\frac{1}{2}-\frac{1}{16}$	4	$5\frac{7}{8}$	13	$7\frac{3}{8}$
3	$9\frac{1}{4}$	11	$4\frac{1}{4}-\frac{1}{16}$	4	$1\frac{5}{8}$	12	6	4	6	13	$7\frac{3}{4}$
3	$9\frac{3}{8}$	11	$4\frac{5}{8}-\frac{1}{16}$	4	$1\frac{3}{4}$	12	$6\frac{3}{8}$	4	$6\frac{1}{8}$	13	$8\frac{1}{8}$
3	$9\frac{1}{2}$	11	$5\frac{1}{16}$	4	$1\frac{7}{8}$	12	$6\frac{3}{4}-\frac{1}{16}$	4	$6\frac{1}{4}$	13	$8\frac{1}{2}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
4	$6\frac{3}{8}$	13	$8\frac{7}{8}$	4	$10\frac{3}{4}$	14	$10\frac{3}{8}$-$\frac{1}{16}$	5	$3\frac{1}{8}$	16	$0\frac{3}{8}$
4	$6\frac{1}{2}$	13	$9\frac{1}{4}$-$\frac{1}{16}$	4	$10\frac{7}{8}$	14	$11\frac{1}{8}$	5	$3\frac{1}{4}$	16	$0\frac{3}{4}$-$\frac{1}{16}$
4	$6\frac{5}{8}$	13	$9\frac{5}{8}$-$\frac{1}{16}$	4	11	14	$11\frac{1}{2}$	5	$3\frac{3}{8}$	16	$1\frac{1}{8}$-$\frac{1}{16}$
4	$6\frac{3}{4}$	13	$10\frac{1}{16}$	4	$11\frac{1}{8}$	14	$11\frac{7}{8}$	5	$3\frac{1}{2}$	16	$1\frac{1}{2}$-$\frac{1}{16}$
4	$6\frac{7}{8}$	13	$10\frac{1}{2}$	4	$11\frac{1}{4}$	15	$0\frac{1}{4}$	5	$3\frac{5}{8}$	16	2
4	7	13	$10\frac{7}{8}$	4	$11\frac{3}{8}$	15	$0\frac{5}{8}$	5	$3\frac{3}{4}$	16	$2\frac{3}{8}$
4	$7\frac{1}{8}$	13	$11\frac{1}{4}$-$\frac{1}{16}$	4	$11\frac{1}{2}$	15	1	5	$3\frac{7}{8}$	16	$2\frac{3}{4}$-$\frac{1}{16}$
4	$7\frac{1}{4}$	13	$11\frac{5}{8}$-$\frac{1}{16}$	4	$11\frac{5}{8}$	15	$1\frac{3}{8}$	5	4	16	$3\frac{1}{8}$-$\frac{1}{16}$
4	$7\frac{3}{8}$	14	$0\frac{1}{16}$	4	$11\frac{3}{4}$	15	$1\frac{3}{4}$-$\frac{1}{16}$	5	$4\frac{1}{8}$	16	$3\frac{1}{2}$-$\frac{1}{16}$
4	$7\frac{1}{2}$	14	$0\frac{1}{2}$	4	$11\frac{7}{8}$	15	$2\frac{1}{8}$-$\frac{1}{16}$	5	$4\frac{1}{4}$	16	4
4	$7\frac{5}{8}$	14	$0\frac{7}{8}$	5	0	15	$2\frac{1}{2}$-$\frac{1}{16}$	5	$4\frac{3}{8}$	16	$4\frac{3}{8}$
4	$7\frac{3}{4}$	14	$1\frac{1}{4}$	5	$0\frac{1}{8}$	15	3	5	$4\frac{1}{2}$	16	$4\frac{3}{4}$
4	$7\frac{7}{8}$	14	$1\frac{5}{8}$	5	$0\frac{1}{4}$	15	$3\frac{3}{8}$	5	$4\frac{5}{8}$	16	$5\frac{1}{8}$
4	8	14	2	5	$0\frac{3}{8}$	15	$3\frac{3}{4}$-$\frac{1}{16}$	5	$4\frac{3}{4}$	16	$5\frac{1}{2}$
4	$8\frac{1}{8}$	14	$2\frac{3}{8}$	5	$0\frac{1}{2}$	15	$4\frac{1}{8}$-$\frac{1}{16}$	5	$4\frac{7}{8}$	16	$5\frac{7}{8}$
4	$8\frac{1}{4}$	14	$2\frac{3}{4}$-$\frac{1}{16}$	5	$0\frac{5}{8}$	15	$4\frac{1}{2}$-$\frac{1}{16}$	5	5	16	$6\frac{1}{4}$-$\frac{1}{16}$
4	$8\frac{3}{8}$	14	$3\frac{1}{8}$-$\frac{1}{16}$	5	$0\frac{3}{4}$	15	5	5	$5\frac{1}{8}$	16	$6\frac{3}{8}$-$\frac{1}{16}$
4	$8\frac{1}{2}$	14	$3\frac{1}{2}$-$\frac{1}{16}$	5	$0\frac{7}{8}$	15	$5\frac{3}{8}$	5	$5\frac{1}{4}$	16	$7\frac{1}{8}$
4	$8\frac{5}{8}$	14	4	5	1	15	$5\frac{3}{4}$	5	$5\frac{3}{8}$	16	$7\frac{1}{2}$
4	$8\frac{3}{4}$	14	$4\frac{3}{8}$	5	$1\frac{1}{8}$	15	$6\frac{1}{8}$	5	$5\frac{1}{2}$	16	$7\frac{7}{8}$
4	$8\frac{7}{8}$	14	$4\frac{3}{4}$-$\frac{1}{16}$	5	$1\frac{1}{4}$	15	$6\frac{1}{2}$	5	$5\frac{5}{8}$	16	$8\frac{1}{4}$-$\frac{1}{16}$
4	9	14	$5\frac{1}{8}$-$\frac{1}{16}$	5	$1\frac{3}{8}$	15	$6\frac{7}{8}$	5	$5\frac{3}{4}$	16	$8\frac{5}{8}$-$\frac{1}{16}$
4	$9\frac{1}{8}$	14	$5\frac{1}{2}$-$\frac{1}{16}$	5	$1\frac{1}{2}$	15	$7\frac{1}{4}$-$\frac{1}{16}$	5	$5\frac{7}{8}$	16	$9\frac{1}{8}$
4	$9\frac{1}{4}$	14	6	5	$1\frac{5}{8}$	15	$7\frac{5}{8}$-$\frac{1}{16}$	5	6	16	$9\frac{1}{2}$
4	$9\frac{3}{8}$	14	$6\frac{3}{8}$	5	$1\frac{3}{4}$	15	$8\frac{1}{8}$	5	$6\frac{1}{8}$	16	$9\frac{7}{8}$
4	$9\frac{1}{2}$	14	$6\frac{3}{4}$	5	$1\frac{7}{8}$	15	$8\frac{1}{2}$	5	$6\frac{1}{4}$	16	$10\frac{1}{4}$
4	$9\frac{5}{8}$	14	$7\frac{1}{8}$	5	2	15	$8\frac{7}{8}$	5	$6\frac{3}{8}$	16	$10\frac{5}{8}$
4	$9\frac{3}{4}$	14	$7\frac{1}{2}$	5	$2\frac{1}{8}$	15	$9\frac{1}{4}$-$\frac{1}{16}$	5	$6\frac{1}{2}$	16	11
4	$9\frac{7}{8}$	14	$7\frac{7}{8}$	5	$2\frac{1}{4}$	15	$9\frac{5}{8}$-$\frac{1}{16}$	5	$6\frac{5}{8}$	16	$11\frac{3}{8}$
4	10	14	$8\frac{1}{4}$-$\frac{1}{16}$	5	$2\frac{3}{8}$	15	$10\frac{1}{16}$	5	$6\frac{3}{4}$	16	$11\frac{3}{4}$-$\frac{1}{16}$
4	$10\frac{1}{8}$	14	$8\frac{5}{8}$-$\frac{1}{16}$	5	$2\frac{1}{2}$	15	$10\frac{1}{2}$	5	$6\frac{7}{8}$	17	$0\frac{1}{8}$-$\frac{1}{16}$
4	$10\frac{1}{4}$	14	$9\frac{1}{8}$	5	$2\frac{5}{8}$	15	$10\frac{7}{8}$	5	7	17	$0\frac{1}{2}$-$\frac{1}{16}$
4	$10\frac{3}{8}$	14	$9\frac{1}{2}$	5	$2\frac{3}{4}$	15	$11\frac{1}{4}$	5	$7\frac{1}{8}$	17	1
4	$10\frac{1}{2}$	14	$9\frac{7}{8}$	5	$2\frac{7}{8}$	15	$11\frac{5}{8}$	5	$7\frac{1}{4}$	17	$1\frac{3}{8}$
4	$10\frac{5}{8}$	14	$10\frac{1}{4}$	5	3	16	0	5	$7\frac{3}{8}$	17	$1\frac{3}{4}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
5	$7\frac{1}{2}$	17	$2\frac{1}{8}-\frac{1}{16}$	5	$11\frac{7}{8}$	18	$3\frac{7}{8}$	6	$4\frac{1}{4}$	19	$5\frac{5}{8}-\frac{1}{16}$
5	$7\frac{5}{8}$	17	$2\frac{1}{2}-\frac{1}{16}$	6	0	18	$4\frac{1}{4}-\frac{1}{16}$	6	$4\frac{3}{8}$	19	$6\frac{1}{16}$
5	$7\frac{3}{4}$	17	3	6	$0\frac{1}{8}$	18	$4\frac{3}{8}-\frac{1}{16}$	6	$4\frac{1}{2}$	19	$6\frac{3}{8}-\frac{1}{16}$
5	$7\frac{7}{8}$	17	$3\frac{3}{8}$	6	$0\frac{1}{4}$	18	$5\frac{1}{8}$	6	$4\frac{5}{8}$	19	$6\frac{3}{4}-\frac{1}{16}$
5	8	17	$3\frac{3}{4}$	6	$0\frac{3}{8}$	18	$5\frac{1}{2}$	6	$4\frac{3}{4}$	19	$7\frac{1}{8}-\frac{1}{16}$
5	$8\frac{1}{8}$	17	$4\frac{1}{8}$	6	$0\frac{1}{2}$	18	$5\frac{7}{8}$	6	$4\frac{7}{8}$	19	$7\frac{1}{2}-\frac{1}{16}$
5	$8\frac{1}{4}$	17	$4\frac{1}{2}$	6	$0\frac{5}{8}$	18	$6\frac{1}{4}-\frac{1}{16}$	6	5	19	8
5	$8\frac{3}{8}$	17	$4\frac{7}{8}$	6	$0\frac{3}{4}$	18	$6\frac{5}{8}-\frac{1}{16}$	6	$5\frac{1}{8}$	19	$8\frac{3}{8}$
5	$8\frac{1}{2}$	17	$5\frac{1}{4}$	6	$0\frac{7}{8}$	18	$7\frac{1}{16}$	6	$5\frac{1}{4}$	19	$8\frac{3}{4}-\frac{1}{16}$
5	$8\frac{5}{8}$	17	$5\frac{3}{8}-\frac{1}{16}$	6	1	18	$7\frac{3}{8}-\frac{1}{16}$	6	$5\frac{3}{8}$	19	$9\frac{1}{8}-\frac{1}{16}$
5	$8\frac{3}{4}$	17	$6\frac{1}{8}$	6	$1\frac{1}{8}$	18	$7\frac{3}{4}-\frac{1}{16}$	6	$5\frac{1}{2}$	19	$9\frac{1}{2}-\frac{1}{16}$
5	$8\frac{7}{8}$	17	$6\frac{1}{2}$	6	$1\frac{1}{4}$	18	$8\frac{1}{8}-\frac{1}{16}$	6	$5\frac{5}{8}$	19	10
5	9	17	$6\frac{7}{8}$	6	$1\frac{3}{8}$	18	$8\frac{1}{2}-\frac{1}{16}$	6	$5\frac{3}{4}$	19	$10\frac{3}{8}$
5	$9\frac{1}{8}$	17	$7\frac{1}{4}$	6	$1\frac{1}{2}$	18	9	6	$5\frac{7}{8}$	19	$10\frac{3}{4}-\frac{1}{16}$
5	$9\frac{1}{4}$	17	$7\frac{5}{8}-\frac{1}{16}$	6	$1\frac{5}{8}$	18	$9\frac{3}{8}$	6	6	19	$11\frac{1}{8}-\frac{1}{16}$
5	$9\frac{3}{8}$	17	$8\frac{1}{8}$	6	$1\frac{3}{4}$	18	$9\frac{3}{4}-\frac{1}{16}$	6	$6\frac{1}{8}$	19	$11\frac{1}{2}-\frac{1}{16}$
5	$9\frac{1}{2}$	17	$8\frac{1}{2}$	6	$1\frac{7}{8}$	18	$10\frac{1}{8}-\frac{1}{16}$	6	$6\frac{1}{4}$	19	$11\frac{7}{8}-\frac{1}{16}$
5	$9\frac{5}{8}$	17	$8\frac{7}{8}$	6	2	18	$10\frac{1}{2}-\frac{1}{16}$	6	$6\frac{3}{8}$	20	$0\frac{1}{4}-\frac{1}{16}$
5	$9\frac{3}{4}$	17	$9\frac{1}{4}$	6	$2\frac{1}{8}$	18	11	6	$6\frac{1}{2}$	20	$0\frac{5}{8}-\frac{1}{16}$
5	$9\frac{7}{8}$	17	$9\frac{5}{8}$	6	$2\frac{1}{4}$	18	$11\frac{3}{8}$	6	$6\frac{5}{8}$	20	$1\frac{1}{8}$
5	10	17	10	6	$2\frac{3}{8}$	18	$11\frac{3}{4}-\frac{1}{16}$	6	$6\frac{3}{4}$	20	$1\frac{1}{2}$
5	$10\frac{1}{8}$	17	$10\frac{3}{8}$	6	$2\frac{1}{2}$	19	$0\frac{1}{8}-\frac{1}{16}$	6	$6\frac{7}{8}$	20	$1\frac{7}{8}$
5	$10\frac{1}{4}$	17	$10\frac{3}{4}-\frac{1}{16}$	6	$2\frac{5}{8}$	19	$0\frac{1}{2}-\frac{1}{16}$	6	7	20	$2\frac{1}{4}-\frac{1}{16}$
5	$10\frac{3}{8}$	17	$11\frac{1}{8}-\frac{1}{16}$	6	$2\frac{3}{4}$	19	$0\frac{7}{8}-\frac{1}{16}$	6	$7\frac{1}{8}$	20	$2\frac{5}{8}-\frac{1}{16}$
5	$10\frac{1}{2}$	17	$11\frac{1}{2}-\frac{1}{16}$	6	$2\frac{7}{8}$	19	$1\frac{1}{4}-\frac{1}{16}$	6	$7\frac{1}{4}$	20	$3\frac{1}{8}$
5	$10\frac{5}{8}$	18	0	6	3	19	$1\frac{5}{8}-\frac{1}{16}$	6	$7\frac{3}{8}$	20	$3\frac{1}{2}$
5	$10\frac{3}{4}$	18	$0\frac{3}{8}$	6	$3\frac{1}{8}$	19	$2\frac{1}{8}$	6	$7\frac{1}{2}$	20	$3\frac{7}{8}$
5	$10\frac{7}{8}$	18	$0\frac{3}{4}-\frac{1}{16}$	6	$3\frac{1}{4}$	19	$2\frac{1}{2}$	6	$7\frac{5}{8}$	20	$4\frac{1}{4}-\frac{1}{16}$
5	11	18	$1\frac{1}{8}-\frac{1}{16}$	6	$3\frac{3}{8}$	19	$2\frac{7}{8}$	6	$7\frac{3}{4}$	20	$4\frac{5}{8}-\frac{1}{16}$
5	$11\frac{1}{8}$	18	$1\frac{1}{2}-\frac{1}{16}$	6	$3\frac{1}{2}$	19	$3\frac{1}{4}-\frac{1}{16}$	6	$7\frac{7}{8}$	20	$5\frac{1}{16}$
5	$11\frac{1}{4}$	18	$1\frac{7}{8}-\frac{1}{16}$	6	$3\frac{5}{8}$	19	$3\frac{5}{8}-\frac{1}{16}$	6	8	20	$5\frac{3}{8}-\frac{1}{16}$
5	$11\frac{3}{8}$	18	$2\frac{1}{4}-\frac{1}{16}$	6	$3\frac{3}{4}$	19	$4\frac{1}{8}$	6	$8\frac{1}{8}$	20	$5\frac{3}{4}-\frac{1}{16}$
5	$11\frac{1}{2}$	18	$2\frac{5}{8}-\frac{1}{16}$	6	$3\frac{7}{8}$	19	$4\frac{1}{2}$	6	$8\frac{1}{4}$	20	$6\frac{1}{8}-\frac{1}{16}$
5	$11\frac{5}{8}$	18	$3\frac{1}{8}$	6	4	19	$4\frac{7}{8}$	6	$8\frac{3}{8}$	20	$6\frac{1}{2}-\frac{1}{16}$
5	$11\frac{3}{4}$	18	$3\frac{1}{2}$	6	$4\frac{1}{8}$	19	$5\frac{1}{4}-\frac{1}{16}$	6	$8\frac{1}{2}$	20	7

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
6	$8\frac{5}{8}$	20	$7\frac{3}{8}$	7	1	21	$9\frac{1}{8}$	7	$5\frac{3}{8}$	22	$10\frac{7}{8}$
6	$8\frac{3}{4}$	20	$7\frac{3}{4}-\frac{1}{16}$	7	$1\frac{1}{8}$	21	$9\frac{1}{2}$	7	$5\frac{1}{2}$	22	$11\frac{1}{4}-\frac{1}{16}$
6	$8\frac{7}{8}$	20	$8\frac{1}{8}-\frac{1}{16}$	7	$1\frac{1}{4}$	21	$9\frac{7}{8}$	7	$5\frac{5}{8}$	22	$11\frac{5}{8}-\frac{1}{16}$
6	9	20	$8\frac{1}{2}-\frac{1}{16}$	7	$1\frac{3}{8}$	21	$10\frac{1}{4}-\frac{1}{16}$	7	$5\frac{3}{4}$	23	$0\frac{1}{8}$
6	$9\frac{1}{8}$	20	9	7	$1\frac{1}{2}$	21	$10\frac{5}{8}-\frac{1}{16}$	7	$5\frac{7}{8}$	23	$0\frac{1}{2}$
6	$9\frac{1}{4}$	20	$9\frac{3}{8}$	7	$1\frac{5}{8}$	21	$11\frac{1}{8}$	7	6	23	$0\frac{7}{8}$
6	$9\frac{3}{8}$	20	$9\frac{3}{4}$	7	$1\frac{3}{4}$	21	$11\frac{1}{2}$	7	$6\frac{1}{8}$	23	$1\frac{1}{4}$
6	$9\frac{1}{2}$	20	$10\frac{1}{8}$	7	$1\frac{7}{8}$	21	$11\frac{7}{8}$	7	$6\frac{1}{4}$	23	$1\frac{5}{8}$
6	$9\frac{5}{8}$	20	$10\frac{1}{2}$	7	2	22	$0\frac{1}{4}-\frac{1}{16}$	7	$6\frac{3}{8}$	23	2
6	$9\frac{3}{4}$	20	$10\frac{7}{8}$	7	$2\frac{1}{8}$	22	$0\frac{5}{8}-\frac{1}{16}$	7	$6\frac{1}{2}$	23	$2\frac{3}{8}$
6	$9\frac{7}{8}$	20	$11\frac{1}{4}-\frac{1}{16}$	7	$2\frac{1}{4}$	22	$1\frac{1}{8}$	7	$6\frac{5}{8}$	23	$2\frac{3}{4}-\frac{1}{16}$
6	10	20	$11\frac{5}{8}-\frac{1}{16}$	7	$2\frac{3}{8}$	22	$1\frac{1}{2}$	7	$6\frac{3}{4}$	23	$3\frac{1}{8}-\frac{1}{16}$
6	$10\frac{1}{8}$	21	$0\frac{1}{8}$	7	$2\frac{1}{2}$	22	$1\frac{7}{8}$	7	$6\frac{7}{8}$	23	$3\frac{1}{2}-\frac{1}{16}$
6	$10\frac{1}{4}$	21	$0\frac{1}{2}$	7	$2\frac{5}{8}$	22	$2\frac{1}{4}$	7	7	23	4
6	$10\frac{3}{8}$	21	$0\frac{7}{8}$	7	$2\frac{3}{4}$	22	$2\frac{5}{8}$	7	$7\frac{1}{8}$	23	$4\frac{3}{8}$
6	$10\frac{1}{2}$	21	$1\frac{1}{4}-\frac{1}{16}$	7	$2\frac{7}{8}$	22	3	7	$7\frac{1}{4}$	23	$4\frac{3}{4}-\frac{1}{16}$
6	$10\frac{5}{8}$	21	$1\frac{5}{8}-\frac{1}{16}$	7	3	22	$3\frac{3}{8}$	7	$7\frac{3}{8}$	23	$5\frac{1}{8}-\frac{1}{16}$
6	$10\frac{3}{4}$	21	$2\frac{3}{8}$	7	$3\frac{1}{8}$	22	$3\frac{3}{4}-\frac{1}{16}$	7	$7\frac{1}{2}$	23	$5\frac{1}{2}-\frac{1}{16}$
6	$10\frac{7}{8}$	21	$2\frac{1}{2}$	7	$3\frac{1}{4}$	22	$4\frac{1}{8}-\frac{1}{16}$	7	$7\frac{5}{8}$	23	6
6	11	21	$2\frac{7}{8}$	7	$3\frac{3}{8}$	22	$4\frac{1}{2}-\frac{1}{16}$	7	$7\frac{3}{4}$	23	$6\frac{3}{8}$
6	$11\frac{1}{8}$	21	$3\frac{1}{4}$	7	$3\frac{1}{2}$	22	5	7	$7\frac{7}{8}$	23	$6\frac{3}{4}$
6	$11\frac{1}{4}$	21	$3\frac{5}{8}$	7	$3\frac{5}{8}$	22	$5\frac{3}{8}$	7	8	23	$7\frac{1}{8}$
6	$11\frac{3}{8}$	21	4	7	$3\frac{3}{4}$	22	$5\frac{3}{4}-\frac{1}{16}$	7	$8\frac{1}{8}$	23	$7\frac{1}{2}$
6	$11\frac{1}{2}$	21	$4\frac{3}{8}$	7	$3\frac{7}{8}$	22	$6\frac{1}{8}-\frac{1}{16}$	7	$8\frac{1}{4}$	23	$7\frac{7}{8}$
6	$11\frac{5}{8}$	21	$4\frac{3}{4}-\frac{1}{16}$	7	4	22	$6\frac{1}{2}-\frac{1}{16}$	7	$8\frac{3}{8}$	23	$8\frac{1}{4}-\frac{1}{16}$
6	$11\frac{3}{4}$	21	$5\frac{1}{8}-\frac{1}{16}$	7	$4\frac{1}{8}$	22	7	7	$8\frac{1}{2}$	23	$8\frac{5}{8}-\frac{1}{16}$
6	$11\frac{7}{8}$	21	$5\frac{1}{2}-\frac{1}{16}$	7	$4\frac{1}{4}$	22	$7\frac{3}{8}$	7	$8\frac{5}{8}$	23	$9\frac{1}{16}$
7	0	21	6	7	$4\frac{3}{8}$	22	$7\frac{3}{4}$	7	$8\frac{3}{4}$	23	$9\frac{1}{2}$
7	$0\frac{1}{8}$	21	$6\frac{3}{8}$	7	$4\frac{1}{2}$	22	$8\frac{1}{8}$	7	$8\frac{7}{8}$	23	$9\frac{7}{8}$
7	$0\frac{1}{4}$	21	$6\frac{3}{4}-\frac{1}{16}$	7	$4\frac{5}{8}$	22	$8\frac{1}{2}$	7	9	23	$10\frac{1}{4}-\frac{1}{16}$
7	$0\frac{3}{8}$	21	$7\frac{1}{8}-\frac{1}{16}$	7	$4\frac{3}{4}$	22	$8\frac{7}{8}$	7	$9\frac{1}{8}$	23	$10\frac{5}{8}-\frac{1}{16}$
7	$0\frac{1}{2}$	21	$7\frac{1}{2}-\frac{1}{16}$	7	$4\frac{7}{8}$	22	$9\frac{1}{4}-\frac{1}{16}$	7	$9\frac{1}{4}$	23	$11\frac{1}{16}$
7	$0\frac{5}{8}$	21	8	7	5	22	$9\frac{5}{8}-\frac{1}{16}$	7	$9\frac{3}{8}$	23	$11\frac{3}{8}-\frac{1}{16}$
7	$0\frac{3}{4}$	21	$8\frac{3}{8}$	7	$5\frac{1}{8}$	22	$10\frac{1}{8}$	7	$9\frac{1}{2}$	23	$11\frac{3}{4}-\frac{1}{16}$
7	$0\frac{7}{8}$	21	$8\frac{3}{4}$	7	$5\frac{1}{4}$	22	$10\frac{1}{2}$	7	$9\frac{5}{8}$	24	$0\frac{1}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
7	$9\frac{3}{4}$	24	$0\frac{1}{2}-\frac{1}{16}$	8	$2\frac{1}{8}$	25	$2\frac{3}{8}$	8	$6\frac{1}{2}$	26	$4\frac{1}{8}$
7	$9\frac{7}{8}$	24	1	8	$2\frac{1}{4}$	25	$2\frac{3}{4}-\frac{1}{16}$	8	$6\frac{5}{8}$	26	$4\frac{1}{2}$
7	10	24	$1\frac{3}{8}$	8	$2\frac{3}{8}$	25	$3\frac{1}{8}-\frac{1}{16}$	8	$6\frac{3}{4}$	26	$4\frac{7}{8}$
7	$10\frac{1}{8}$	24	$1\frac{3}{4}-\frac{1}{16}$	8	$2\frac{1}{2}$	25	$3\frac{1}{2}-\frac{1}{16}$	8	$6\frac{7}{8}$	26	$5\frac{1}{4}-\frac{1}{16}$
7	$10\frac{1}{4}$	24	$2\frac{1}{8}-\frac{1}{16}$	8	$2\frac{5}{8}$	25	$3\frac{5}{8}-\frac{1}{16}$	8	7	26	$5\frac{5}{8}-\frac{1}{16}$
7	$10\frac{3}{8}$	24	$2\frac{1}{2}-\frac{1}{16}$	8	$2\frac{3}{4}$	25	$4\frac{1}{4}-\frac{1}{16}$	8	$7\frac{1}{8}$	26	$6\frac{1}{16}$
7	$10\frac{1}{2}$	24	3	8	$2\frac{7}{8}$	25	$4\frac{5}{8}-\frac{1}{16}$	8	$7\frac{1}{4}$	26	$6\frac{3}{8}-\frac{1}{16}$
7	$10\frac{5}{8}$	24	$3\frac{3}{8}$	8	3	25	$5\frac{1}{8}$	8	$7\frac{3}{8}$	26	$6\frac{3}{4}-\frac{1}{16}$
7	$10\frac{3}{4}$	24	$3\frac{3}{4}-\frac{1}{16}$	8	$3\frac{1}{8}$	25	$5\frac{1}{2}$	8	$7\frac{1}{2}$	26	$7\frac{1}{4}$
7	$10\frac{7}{8}$	24	$4\frac{1}{8}-\frac{1}{16}$	8	$3\frac{1}{4}$	25	$5\frac{7}{8}$	8	$7\frac{5}{8}$	26	$7\frac{5}{8}$
7	11	24	$4\frac{1}{2}-\frac{1}{16}$	8	$3\frac{3}{8}$	25	$6\frac{1}{4}-\frac{1}{16}$	8	$7\frac{3}{4}$	26	8
7	$11\frac{1}{8}$	24	5	8	$3\frac{1}{2}$	25	$6\frac{5}{8}-\frac{1}{16}$	8	$7\frac{7}{8}$	26	$8\frac{3}{8}-\frac{1}{16}$
7	$11\frac{1}{4}$	24	$5\frac{3}{8}$	8	$3\frac{5}{8}$	25	$7\frac{1}{8}$	8	8	26	$8\frac{3}{4}-\frac{1}{16}$
7	$11\frac{3}{8}$	24	$5\frac{3}{4}$	8	$3\frac{3}{4}$	25	$7\frac{1}{2}$	8	$8\frac{1}{8}$	26	$9\frac{1}{8}-\frac{1}{16}$
7	$11\frac{1}{2}$	24	$6\frac{1}{8}$	8	$3\frac{7}{8}$	25	$7\frac{7}{8}$	8	$8\frac{1}{4}$	26	$9\frac{1}{2}-\frac{1}{16}$
7	$11\frac{5}{8}$	24	$6\frac{1}{2}$	8	4	25	$8\frac{1}{4}-\frac{1}{16}$	8	$8\frac{3}{8}$	26	10
7	$11\frac{3}{4}$	24	$6\frac{7}{8}$	8	$4\frac{1}{8}$	25	$8\frac{5}{8}-\frac{1}{16}$	8	$8\frac{1}{2}$	26	$10\frac{3}{8}$
7	$11\frac{7}{8}$	24	$7\frac{1}{4}-\frac{1}{16}$	8	$4\frac{1}{4}$	25	$9\frac{1}{16}$	8	$8\frac{5}{8}$	26	$10\frac{3}{4}$
8	0	24	$7\frac{5}{8}-\frac{1}{16}$	8	$4\frac{3}{8}$	25	$9\frac{3}{8}-\frac{1}{16}$	8	$8\frac{3}{4}$	26	$11\frac{1}{8}-\frac{1}{16}$
8	$0\frac{1}{8}$	24	$8\frac{1}{8}$	8	$4\frac{1}{2}$	25	$9\frac{3}{4}-\frac{1}{16}$	8	$8\frac{7}{8}$	26	$11\frac{1}{2}-\frac{1}{16}$
8	$0\frac{1}{4}$	24	$8\frac{1}{2}$	8	$4\frac{5}{8}$	25	$10\frac{1}{8}-\frac{1}{16}$	8	9	26	$11\frac{7}{8}-\frac{1}{16}$
8	$0\frac{3}{8}$	24	$8\frac{7}{8}$	8	$4\frac{3}{4}$	25	$10\frac{1}{2}-\frac{1}{16}$	8	$9\frac{1}{8}$	27	$0\frac{1}{4}-\frac{1}{16}$
8	$0\frac{1}{2}$	24	$9\frac{1}{4}-\frac{1}{16}$	8	$4\frac{7}{8}$	25	11	8	$9\frac{1}{4}$	27	$0\frac{5}{8}-\frac{1}{16}$
8	$0\frac{5}{8}$	24	$9\frac{5}{8}-\frac{1}{16}$	8	5	25	$11\frac{3}{8}$	8	$9\frac{3}{8}$	27	$1\frac{1}{16}$
8	$0\frac{3}{4}$	24	$10\frac{1}{16}$	8	$5\frac{1}{8}$	25	$11\frac{3}{4}-\frac{1}{16}$	8	$9\frac{1}{2}$	27	$1\frac{1}{2}$
8	$0\frac{7}{8}$	24	$10\frac{3}{8}-\frac{1}{16}$	8	$5\frac{1}{4}$	26	$0\frac{1}{8}-\frac{1}{16}$	8	$9\frac{5}{8}$	27	$1\frac{7}{8}-\frac{1}{16}$
8	1	24	$10\frac{3}{4}-\frac{1}{16}$	8	$5\frac{3}{8}$	26	$0\frac{1}{2}-\frac{1}{16}$	8	$9\frac{3}{4}$	27	$2\frac{1}{4}-\frac{1}{16}$
8	$1\frac{1}{8}$	24	$11\frac{1}{8}-\frac{1}{16}$	8	$5\frac{1}{2}$	26	1	8	$9\frac{7}{8}$	27	$2\frac{5}{8}-\frac{1}{16}$
8	$1\frac{1}{4}$	24	$11\frac{1}{2}-\frac{1}{16}$	8	$5\frac{5}{8}$	26	$1\frac{3}{8}$	8	10	27	$3\frac{1}{16}$
8	$1\frac{3}{8}$	25	0	8	$5\frac{3}{4}$	26	$1\frac{3}{4}-\frac{1}{16}$	8	$10\frac{1}{8}$	27	$3\frac{1}{2}$
8	$1\frac{1}{2}$	25	$0\frac{3}{8}$	8	$5\frac{7}{8}$	26	$2\frac{1}{8}-\frac{1}{16}$	8	$10\frac{1}{4}$	27	$3\frac{7}{8}$
8	$1\frac{5}{8}$	25	$0\frac{3}{4}-\frac{1}{16}$	8	6	26	$2\frac{1}{2}-\frac{1}{16}$	8	$10\frac{3}{8}$	27	$4\frac{1}{4}$
8	$1\frac{3}{4}$	25	$1\frac{1}{8}-\frac{1}{16}$	8	$6\frac{1}{8}$	26	$2\frac{7}{8}-\frac{1}{16}$	8	$10\frac{1}{2}$	27	$4\frac{5}{8}-\frac{1}{16}$
8	$1\frac{7}{8}$	25	$1\frac{1}{2}-\frac{1}{16}$	8	$6\frac{1}{4}$	26	$3\frac{1}{4}-\frac{1}{16}$	8	$10\frac{5}{8}$	27	$5\frac{1}{16}$
8	2	25	2	8	$6\frac{3}{8}$	26	$3\frac{5}{8}-\frac{1}{16}$	8	$10\frac{3}{4}$	27	$5\frac{3}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
8	$10\frac{7}{8}$	27	$5\frac{3}{4}-\frac{1}{16}$	9	$3\frac{1}{4}$	28	$7\frac{1}{2}-\frac{1}{16}$	9	$7\frac{5}{8}$	29	$9\frac{1}{4}-\frac{1}{16}$
8	11	27	$6\frac{1}{4}$	9	$3\frac{3}{8}$	28	8	9	$7\frac{3}{4}$	29	$9\frac{3}{4}$
8	$11\frac{1}{8}$	27	$6\frac{5}{8}$	9	$3\frac{1}{2}$	28	$8\frac{3}{8}$	9	$7\frac{7}{8}$	29	$10\frac{1}{8}$
8	$11\frac{1}{4}$	27	7	9	$3\frac{5}{8}$	28	$8\frac{3}{4}$	9	8	29	$10\frac{1}{2}$
8	$11\frac{3}{8}$	27	$7\frac{3}{8}-\frac{1}{16}$	9	$3\frac{3}{4}$	28	$9\frac{1}{8}$	9	$8\frac{1}{8}$	29	$10\frac{7}{8}$
8	$11\frac{1}{2}$	27	$7\frac{3}{4}-\frac{1}{16}$	9	$3\frac{7}{8}$	28	$9\frac{1}{2}$	9	$8\frac{1}{4}$	29	$11\frac{1}{4}-\frac{1}{16}$
8	$11\frac{5}{8}$	27	$8\frac{1}{8}-\frac{1}{16}$	9	4	28	$9\frac{7}{8}-\frac{1}{16}$	9	$8\frac{3}{8}$	29	$11\frac{5}{8}-\frac{1}{16}$
8	$11\frac{3}{4}$	27	$8\frac{1}{2}-\frac{1}{16}$	9	$4\frac{1}{8}$	28	$10\frac{1}{4}-\frac{1}{16}$	9	$8\frac{1}{2}$	30	$0\frac{1}{16}$
8	$11\frac{7}{8}$	27	9	9	$4\frac{1}{4}$	28	$10\frac{3}{4}$	9	$8\frac{5}{8}$	30	$0\frac{3}{8}-\frac{1}{16}$
9	0	27	$9\frac{3}{8}$	9	$4\frac{3}{8}$	28	$11\frac{1}{8}$	9	$8\frac{3}{4}$	30	$0\frac{7}{8}$
9	$0\frac{1}{8}$	27	$9\frac{3}{4}$	9	$4\frac{1}{2}$	28	$11\frac{1}{2}$	9	$8\frac{7}{8}$	30	$1\frac{1}{4}$
9	$0\frac{1}{4}$	27	$10\frac{1}{8}$	9	$4\frac{5}{8}$	28	$11\frac{7}{8}$	9	9	30	$1\frac{5}{8}$
9	$0\frac{3}{8}$	27	$10\frac{1}{2}$	9	$4\frac{3}{4}$	29	$0\frac{1}{4}-\frac{1}{16}$	9	$9\frac{1}{8}$	30	2
9	$0\frac{1}{2}$	27	$10\frac{7}{8}-\frac{1}{16}$	9	$4\frac{7}{8}$	29	$0\frac{5}{8}-\frac{1}{16}$	9	$9\frac{1}{4}$	30	$2\frac{3}{8}-\frac{1}{16}$
9	$0\frac{5}{8}$	27	$11\frac{1}{4}-\frac{1}{16}$	9	5	29	$1\frac{1}{16}$	9	$9\frac{3}{8}$	30	$2\frac{3}{4}-\frac{1}{16}$
9	$0\frac{3}{4}$	27	$11\frac{3}{4}$	9	$5\frac{1}{8}$	29	$1\frac{1}{2}$	9	$9\frac{1}{2}$	30	$3\frac{1}{4}$
9	$0\frac{7}{8}$	28	$0\frac{1}{8}$	9	$5\frac{1}{4}$	29	$1\frac{7}{8}$	9	$9\frac{5}{8}$	30	$3\frac{5}{8}$
9	1	28	$0\frac{1}{2}$	9	$5\frac{3}{8}$	29	$2\frac{1}{4}$	9	$9\frac{3}{4}$	30	4
9	$1\frac{1}{8}$	28	$0\frac{7}{8}$	9	$5\frac{1}{2}$	29	$2\frac{5}{8}$	9	$9\frac{7}{8}$	30	$4\frac{3}{8}$
9	$1\frac{1}{4}$	28	$1\frac{1}{4}-\frac{1}{16}$	9	$5\frac{5}{8}$	29	3	9	10	30	$4\frac{3}{4}$
9	$1\frac{3}{8}$	28	$1\frac{5}{8}-\frac{1}{16}$	9	$5\frac{3}{4}$	29	$3\frac{3}{8}-\frac{1}{16}$	9	$10\frac{1}{8}$	30	$5\frac{1}{8}-\frac{1}{16}$
9	$1\frac{1}{2}$	28	$2-\frac{1}{16}$	9	$5\frac{7}{8}$	29	$3\frac{3}{4}-\frac{1}{16}$	9	$10\frac{1}{4}$	30	$5\frac{1}{2}-\frac{1}{16}$
9	$1\frac{5}{8}$	28	$2\frac{1}{2}$	9	6	29	$4\frac{1}{4}$	9	$10\frac{3}{8}$	30	6
9	$1\frac{3}{4}$	28	$2\frac{7}{8}$	9	$6\frac{1}{8}$	29	$4\frac{5}{8}$	9	$10\frac{1}{2}$	30	$6\frac{3}{8}$
9	$1\frac{7}{8}$	28	$3\frac{1}{4}$	9	$6\frac{1}{4}$	29	5	9	$10\frac{5}{8}$	30	$6\frac{3}{4}$
9	2	28	$3\frac{5}{8}$	9	$6\frac{3}{8}$	29	$5\frac{3}{8}$	9	$10\frac{3}{4}$	30	$7\frac{1}{8}$
9	$2\frac{1}{8}$	28	4	9	$6\frac{1}{2}$	29	$5\frac{3}{4}-\frac{1}{16}$	9	$10\frac{7}{8}$	30	$7\frac{1}{2}$
9	$2\frac{1}{4}$	28	$4\frac{3}{8}-\frac{1}{16}$	9	$6\frac{5}{8}$	29	$6\frac{1}{8}-\frac{1}{16}$	9	11	30	$7\frac{7}{8}-\frac{1}{16}$
9	$2\frac{3}{8}$	28	$4\frac{7}{8}$	9	$6\frac{3}{4}$	29	$6\frac{1}{2}-\frac{1}{16}$	9	$11\frac{1}{8}$	30	$8\frac{1}{4}-\frac{1}{16}$
9	$2\frac{1}{2}$	28	$5\frac{1}{4}$	9	$6\frac{7}{8}$	29	7	9	$11\frac{1}{4}$	30	$8\frac{3}{4}$
9	$2\frac{5}{8}$	28	$5\frac{5}{8}$	9	7	29	$7\frac{3}{8}$	9	$11\frac{3}{8}$	30	$9\frac{1}{8}$
9	$2\frac{3}{4}$	28	6	9	$7\frac{1}{8}$	29	$7\frac{3}{4}$	9	$11\frac{1}{2}$	30	$9\frac{1}{2}$
9	$2\frac{7}{8}$	28	$6\frac{3}{8}$	9	$7\frac{1}{4}$	29	$8\frac{1}{8}$	9	$11\frac{5}{8}$	30	$9\frac{7}{8}$
9	3	28	$6\frac{3}{4}-\frac{1}{16}$	9	$7\frac{3}{8}$	29	$8\frac{1}{2}-\frac{1}{16}$	9	$11\frac{3}{4}$	30	$10\frac{1}{4}$
9	$3\frac{1}{8}$	28	$7\frac{1}{8}-\frac{1}{16}$	9	$7\frac{1}{2}$	29	$8\frac{7}{8}-\frac{1}{16}$	9	$11\frac{7}{8}$	30	$10\frac{5}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
10	0	30	$11\frac{1}{16}$	10	$4\frac{3}{8}$	32	$0\frac{3}{4}-\frac{1}{16}$	10	$8\frac{3}{4}$	33	$2\frac{1}{2}-\frac{1}{16}$
10	$0\frac{1}{8}$	30	$11\frac{3}{8}-\frac{1}{16}$	10	$4\frac{1}{2}$	32	$1\frac{1}{8}-\frac{1}{16}$	10	$8\frac{7}{8}$	33	3
10	$0\frac{1}{4}$	30	$11\frac{3}{4}-\frac{1}{16}$	10	$4\frac{5}{8}$	32	$1\frac{5}{8}$	10	9	33	$3\frac{3}{8}$
10	$0\frac{3}{8}$	31	$0\frac{1}{4}$	10	$4\frac{3}{4}$	32	2	10	$9\frac{1}{8}$	33	$3\frac{3}{4}$
10	$0\frac{1}{2}$	31	$0\frac{5}{8}$	10	$4\frac{7}{8}$	32	$2\frac{3}{8}$	10	$9\frac{1}{4}$	33	$4\frac{1}{8}$
10	$0\frac{5}{8}$	31	1	10	5	32	$2\frac{3}{4}-\frac{1}{16}$	10	$9\frac{3}{8}$	33	$4\frac{1}{2}$
10	$0\frac{3}{4}$	31	$1\frac{3}{8}-\frac{1}{16}$	10	$5\frac{1}{8}$	32	$3\frac{1}{8}-\frac{1}{16}$	10	$9\frac{1}{2}$	33	$4\frac{7}{8}$
10	$0\frac{7}{8}$	31	$1\frac{3}{4}-\frac{1}{16}$	10	$5\frac{1}{4}$	32	$3\frac{1}{2}-\frac{1}{16}$	10	$9\frac{5}{8}$	33	$5\frac{1}{4}-\frac{1}{16}$
10	1	31	$2\frac{1}{4}$	10	$5\frac{3}{8}$	32	$3\frac{7}{8}-\frac{1}{16}$	10	$9\frac{3}{4}$	33	$5\frac{5}{8}-\frac{1}{16}$
10	$1\frac{1}{8}$	31	$2\frac{5}{8}$	10	$5\frac{1}{2}$	32	$4\frac{3}{8}$	10	$9\frac{7}{8}$	33	$6\frac{1}{16}$
10	$1\frac{1}{4}$	31	3	10	$5\frac{5}{8}$	32	$4\frac{3}{4}$	10	10	33	$6\frac{1}{2}$
10	$1\frac{3}{8}$	31	$3\frac{3}{8}$	10	$5\frac{3}{4}$	32	$5\frac{1}{8}$	10	$10\frac{1}{8}$	33	$6\frac{7}{8}$
10	$1\frac{1}{2}$	31	$3\frac{3}{4}$	10	$5\frac{7}{8}$	32	$5\frac{1}{2}$	10	$10\frac{1}{4}$	33	$7\frac{1}{4}$
10	$1\frac{5}{8}$	31	$4\frac{1}{8}$	10	6	32	$5\frac{7}{8}-\frac{1}{16}$	10	$10\frac{3}{8}$	33	$7\frac{5}{8}-\frac{1}{16}$
10	$1\frac{3}{4}$	31	$4\frac{1}{2}-\frac{1}{16}$	10	$6\frac{1}{8}$	32	$6\frac{1}{4}-\frac{1}{16}$	10	$10\frac{1}{2}$	33	$8\frac{1}{16}$
10	$1\frac{7}{8}$	31	5	10	$6\frac{1}{4}$	32	$6\frac{5}{8}-\frac{1}{16}$	10	$10\frac{5}{8}$	33	$8\frac{3}{8}-\frac{1}{16}$
10	2	31	$5\frac{3}{8}$	10	$6\frac{3}{8}$	32	$7\frac{1}{8}$	10	$10\frac{3}{4}$	33	$8\frac{7}{8}$
10	$2\frac{1}{8}$	31	$5\frac{3}{4}$	10	$6\frac{1}{2}$	32	$7\frac{1}{2}$	10	$10\frac{7}{8}$	33	$9\frac{1}{4}$
10	$2\frac{1}{4}$	31	$6\frac{1}{8}$	10	$6\frac{5}{8}$	32	$7\frac{7}{8}$	10	11	33	$9\frac{5}{8}$
10	$2\frac{3}{8}$	31	$6\frac{1}{2}$	10	$6\frac{3}{4}$	32	$8\frac{1}{4}$	10	$11\frac{1}{8}$	33	10
10	$2\frac{1}{2}$	31	$6\frac{7}{8}-\frac{1}{16}$	10	$6\frac{7}{8}$	32	$8\frac{5}{8}-\frac{1}{16}$	10	$11\frac{1}{4}$	33	$10\frac{3}{8}-\frac{1}{16}$
10	$2\frac{5}{8}$	31	$7\frac{1}{4}-\frac{1}{16}$	10	7	32	$9\frac{1}{16}$	10	$11\frac{3}{8}$	33	$10\frac{3}{4}-\frac{1}{16}$
10	$2\frac{3}{4}$	31	$7\frac{5}{8}-\frac{1}{16}$	10	$7\frac{1}{8}$	32	$9\frac{3}{8}-\frac{1}{16}$	10	$11\frac{1}{2}$	33	$11\frac{1}{8}-\frac{1}{16}$
10	$2\frac{7}{8}$	31	$8\frac{1}{8}$	10	$7\frac{1}{4}$	32	$9\frac{3}{4}-\frac{1}{16}$	10	$11\frac{5}{8}$	33	$11\frac{1}{2}-\frac{1}{16}$
10	3	31	$8\frac{1}{2}$	10	$7\frac{3}{8}$	32	$10\frac{1}{4}$	10	$11\frac{3}{4}$	34	0
10	$3\frac{1}{8}$	31	$8\frac{7}{8}$	10	$7\frac{1}{2}$	32	$10\frac{5}{8}$	10	$11\frac{7}{8}$	34	$0\frac{3}{8}$
10	$3\frac{1}{4}$	31	$9\frac{1}{4}$	10	$7\frac{5}{8}$	32	11	11	0	34	$0\frac{3}{4}$
10	$3\frac{3}{8}$	31	$9\frac{5}{8}-\frac{1}{16}$	10	$7\frac{3}{4}$	32	$11\frac{3}{8}-\frac{1}{16}$	11	$0\frac{1}{8}$	34	$1\frac{1}{8}-\frac{1}{16}$
10	$3\frac{1}{2}$	31	$10\frac{1}{16}$	10	$7\frac{7}{8}$	32	$11\frac{3}{4}-\frac{1}{16}$	11	$0\frac{1}{4}$	34	$1\frac{1}{2}-\frac{1}{16}$
10	$3\frac{5}{8}$	31	$10\frac{3}{8}-\frac{1}{16}$	10	8	33	$0\frac{1}{4}$	11	$0\frac{3}{8}$	34	$1\frac{7}{8}-\frac{1}{16}$
10	$3\frac{3}{4}$	31	$10\frac{7}{8}$	10	$8\frac{1}{8}$	33	$0\frac{5}{8}$	11	$0\frac{1}{2}$	34	$2\frac{1}{4}-\frac{1}{16}$
10	$3\frac{7}{8}$	31	$11\frac{1}{4}$	10	$8\frac{1}{4}$	33	1	11	$0\frac{5}{8}$	34	$2\frac{3}{4}$
10	4	31	$11\frac{5}{8}$	10	$8\frac{3}{8}$	33	$1\frac{3}{8}$	11	$0\frac{3}{4}$	34	$3\frac{1}{8}$
10	$4\frac{1}{8}$	32	0	10	$8\frac{1}{2}$	33	$1\frac{3}{4}$	11	$0\frac{7}{8}$	34	$3\frac{1}{2}$
10	$4\frac{1}{4}$	32	$0\frac{3}{8}-\frac{1}{16}$	10	$8\frac{5}{8}$	33	$2\frac{1}{8}-\frac{1}{16}$	11	1	34	$3\frac{7}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $\frac{15}{16}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
11	$1\frac{1}{8}$	34	$4\frac{1}{4}$-$\frac{1}{16}$	11	$5\frac{1}{2}$	35	$6\frac{1}{16}$	11	$9\frac{7}{8}$	36	$7\frac{3}{4}$-$\frac{1}{16}$
11	$1\frac{1}{4}$	34	$4\frac{5}{8}$-$\frac{1}{16}$	11	$5\frac{5}{8}$	35	$6\frac{3}{8}$-$\frac{1}{16}$	11	10	36	$8\frac{1}{8}$-$\frac{1}{16}$
11	$1\frac{3}{8}$	34	$5\frac{1}{16}$	11	$5\frac{3}{4}$	35	$6\frac{3}{4}$-$\frac{1}{16}$	11	$10\frac{1}{8}$	36	$8\frac{1}{2}$-$\frac{1}{16}$
11	$1\frac{1}{2}$	34	$5\frac{1}{2}$	11	$5\frac{7}{8}$	35	$7\frac{1}{4}$	11	$10\frac{1}{4}$	36	9
11	$1\frac{5}{8}$	34	$5\frac{7}{8}$	11	6	35	$7\frac{5}{8}$	11	$10\frac{3}{8}$	36	$9\frac{3}{8}$
11	$1\frac{3}{4}$	34	$6\frac{1}{4}$	11	$6\frac{1}{8}$	35	8	11	$10\frac{1}{2}$	36	$9\frac{3}{4}$
11	$1\frac{7}{8}$	34	$6\frac{5}{8}$-$\frac{1}{16}$	11	$6\frac{1}{4}$	35	$8\frac{3}{8}$-$\frac{1}{16}$	11	$10\frac{5}{8}$	36	$10\frac{1}{8}$
11	2	34	$7\frac{1}{16}$	11	$6\frac{3}{8}$	35	$8\frac{3}{4}$-$\frac{1}{16}$	11	$10\frac{3}{4}$	36	$10\frac{1}{2}$-$\frac{1}{16}$
11	$2\frac{1}{8}$	34	$7\frac{3}{8}$-$\frac{1}{16}$	11	$6\frac{1}{2}$	35	$9\frac{1}{8}$-$\frac{1}{16}$	11	$10\frac{7}{8}$	36	$10\frac{7}{8}$
11	$2\frac{1}{4}$	34	$7\frac{3}{4}$-$\frac{1}{16}$	11	$6\frac{5}{8}$	35	$9\frac{1}{2}$-$\frac{1}{16}$	11	11	36	$11\frac{1}{4}$-$\frac{1}{16}$
11	$2\frac{3}{8}$	34	$8\frac{1}{4}$	11	$6\frac{3}{4}$	35	10	11	$11\frac{1}{8}$	36	$11\frac{3}{4}$
11	$2\frac{1}{2}$	34	$8\frac{5}{8}$	11	$6\frac{7}{8}$	35	$10\frac{3}{8}$	11	$11\frac{1}{4}$	37	$0\frac{1}{8}$
11	$2\frac{5}{8}$	34	9	11	7	35	$10\frac{3}{4}$	11	$11\frac{3}{8}$	37	$0\frac{1}{2}$
11	$2\frac{3}{4}$	34	$9\frac{3}{8}$	11	$7\frac{1}{8}$	35	$11\frac{1}{8}$	11	$11\frac{1}{2}$	37	$0\frac{7}{8}$
11	$2\frac{7}{8}$	34	$9\frac{3}{4}$-$\frac{1}{16}$	11	$7\frac{1}{4}$	35	$11\frac{1}{2}$-$\frac{1}{16}$	11	$11\frac{5}{8}$	37	$1\frac{1}{4}$-$\frac{1}{16}$
11	3	34	$10\frac{1}{8}$-$\frac{1}{16}$	11	$7\frac{3}{8}$	35	$11\frac{7}{8}$-$\frac{1}{16}$	11	$11\frac{3}{4}$	37	$1\frac{5}{8}$-$\frac{1}{16}$
11	$3\frac{1}{8}$	34	$10\frac{1}{2}$-$\frac{1}{16}$	11	$7\frac{1}{2}$	36	$0\frac{1}{4}$-$\frac{1}{16}$	11	$11\frac{7}{8}$	37	$2\frac{1}{16}$
11	$3\frac{1}{4}$	34	11	11	$7\frac{5}{8}$	36	$0\frac{5}{8}$-$\frac{1}{16}$	12	0	37	$2\frac{3}{8}$-$\frac{1}{16}$
11	$3\frac{3}{8}$	34	$11\frac{3}{8}$	11	$7\frac{3}{4}$	36	$1\frac{1}{8}$	12	$0\frac{1}{8}$	37	$2\frac{7}{8}$
11	$3\frac{1}{2}$	34	$11\frac{3}{4}$	11	$7\frac{7}{8}$	36	$1\frac{1}{2}$	12	$0\frac{1}{4}$	37	$3\frac{1}{4}$
11	$3\frac{5}{8}$	35	$0\frac{1}{8}$	11	8	36	$1\frac{7}{8}$	12	$0\frac{3}{8}$	37	$3\frac{5}{8}$
11	$3\frac{3}{4}$	35	$0\frac{1}{2}$-$\frac{1}{16}$	11	$8\frac{1}{8}$	36	$2\frac{1}{4}$-$\frac{1}{16}$	12	$0\frac{1}{2}$	37	$4\frac{1}{16}$
11	$3\frac{7}{8}$	35	$0\frac{7}{8}$-$\frac{1}{16}$	11	$8\frac{1}{4}$	36	$2\frac{5}{8}$-$\frac{1}{16}$	12	$0\frac{5}{8}$	37	$4\frac{3}{8}$-$\frac{1}{16}$
11	4	35	$1\frac{1}{4}$-$\frac{1}{16}$	11	$8\frac{3}{8}$	36	$3\frac{1}{16}$	12	$0\frac{3}{4}$	37	$4\frac{3}{4}$-$\frac{1}{16}$
11	$4\frac{1}{8}$	35	$1\frac{3}{4}$	11	$8\frac{1}{2}$	36	$3\frac{1}{2}$	12	$0\frac{7}{8}$	37	$5\frac{1}{4}$
11	$4\frac{1}{4}$	35	$2\frac{1}{8}$	11	$8\frac{5}{8}$	36	$3\frac{7}{8}$	12	1	37	$5\frac{5}{8}$
11	$4\frac{3}{8}$	35	$2\frac{1}{2}$	11	$8\frac{3}{4}$	36	$4\frac{1}{4}$	12	$1\frac{1}{8}$	37	6
11	$4\frac{1}{2}$	35	$2\frac{7}{8}$	11	$8\frac{7}{8}$	36	$4\frac{5}{8}$	12	$1\frac{1}{4}$	37	$6\frac{3}{8}$
11	$4\frac{5}{8}$	35	$3\frac{1}{4}$-$\frac{1}{16}$	11	9	36	5	12	$1\frac{3}{8}$	37	$6\frac{3}{4}$
11	$4\frac{3}{4}$	35	$3\frac{5}{8}$-$\frac{1}{16}$	11	$9\frac{1}{8}$	36	$5\frac{3}{8}$-$\frac{1}{16}$	12	$1\frac{1}{2}$	37	$7\frac{1}{8}$-$\frac{1}{16}$
11	$4\frac{7}{8}$	35	$4\frac{1}{16}$	11	$9\frac{1}{4}$	36	$5\frac{3}{4}$-$\frac{1}{16}$	12	$1\frac{5}{8}$	37	$7\frac{1}{2}$-$\frac{1}{16}$
11	5	35	$4\frac{1}{2}$	11	$9\frac{3}{8}$	36	$6\frac{1}{4}$	12	$1\frac{3}{4}$	37	$7\frac{7}{8}$-$\frac{1}{16}$
11	$5\frac{1}{8}$	35	$4\frac{7}{8}$	11	$9\frac{1}{2}$	36	$6\frac{5}{8}$	12	$1\frac{7}{8}$	37	$8\frac{3}{8}$
11	$5\frac{1}{4}$	35	$5\frac{1}{4}$	11	$9\frac{5}{8}$	36	7	12	2	37	$8\frac{3}{4}$
11	$5\frac{3}{8}$	35	$5\frac{5}{8}$	11	$9\frac{3}{4}$	36	$7\frac{3}{8}$	12	$2\frac{1}{8}$	37	$9\frac{1}{8}$

Diagonal Measurement at the Root, $\frac{15}{16}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
12	$2\frac{1}{4}$	37	$9\frac{1}{2}$	12	$5\frac{5}{8}$	38	$8\frac{1}{8}$	12	9	39	$6\frac{3}{4}$
12	$2\frac{3}{8}$	37	$9\frac{7}{8}$	12	$5\frac{3}{4}$	38	$8\frac{1}{2}-\frac{1}{16}$	12	$9\frac{1}{8}$	39	$7\frac{1}{8}$
12	$2\frac{1}{2}$	37	$10\frac{1}{4}-\frac{1}{16}$	12	$5\frac{7}{8}$	38	$8\frac{7}{8}-\frac{1}{16}$	12	$9\frac{1}{4}$	39	$7\frac{1}{2}$
12	$2\frac{5}{8}$	37	$10\frac{3}{4}$	12	6	38	$9\frac{1}{4}-\frac{1}{16}$	12	$9\frac{3}{8}$	39	$7\frac{7}{8}-\frac{1}{16}$
12	$2\frac{3}{4}$	37	$11\frac{1}{8}$	12	$6\frac{1}{8}$	38	$9\frac{3}{4}$	12	$9\frac{1}{2}$	39	$8\frac{1}{4}-\frac{1}{16}$
12	$2\frac{7}{8}$	37	$11\frac{1}{2}$	12	$6\frac{1}{4}$	38	$10\frac{1}{8}$	12	$9\frac{5}{8}$	39	$8\frac{5}{8}-\frac{1}{16}$
12	3	37	$11\frac{7}{8}-\frac{1}{16}$	12	$6\frac{3}{8}$	38	$10\frac{1}{2}$	12	$9\frac{3}{4}$	39	$9\frac{1}{8}$
12	$3\frac{1}{8}$	38	$0\frac{1}{4}-\frac{1}{16}$	12	$6\frac{1}{2}$	38	$10\frac{7}{8}$	12	$9\frac{7}{8}$	39	$9\frac{1}{2}$
12	$3\frac{1}{4}$	38	$0\frac{3}{4}$	12	$6\frac{5}{8}$	38	$11\frac{1}{4}$	12	10	39	$9\frac{7}{8}$
12	$3\frac{3}{8}$	38	$1\frac{1}{8}$	12	$6\frac{3}{4}$	38	$11\frac{5}{8}-\frac{1}{16}$	12	$10\frac{1}{8}$	39	$10\frac{1}{4}-\frac{1}{16}$
12	$3\frac{1}{2}$	38	$1\frac{1}{2}$	12	$6\frac{7}{8}$	39	$0\frac{1}{16}$	12	$10\frac{1}{4}$	39	$10\frac{5}{8}-\frac{1}{16}$
12	$3\frac{5}{8}$	38	$1\frac{7}{8}$	12	7	39	$0\frac{3}{8}-\frac{1}{16}$	12	$10\frac{3}{8}$	39	$11\frac{1}{16}$
12	$3\frac{3}{4}$	38	$2\frac{1}{4}$	12	$7\frac{1}{8}$	39	$0\frac{7}{8}$	12	$10\frac{1}{2}$	39	$11\frac{3}{8}-\frac{1}{16}$
12	$3\frac{7}{8}$	38	$2\frac{5}{8}$	12	$7\frac{1}{4}$	39	$1\frac{1}{4}$	12	$10\frac{5}{8}$	39	$11\frac{3}{4}-\frac{1}{16}$
12	4	38	3	12	$7\frac{3}{8}$	39	$1\frac{5}{8}$	12	$10\frac{3}{4}$	40	$0\frac{1}{4}$
12	$4\frac{1}{8}$	38	$3\frac{3}{8}$	12	$7\frac{1}{2}$	39	2	12	$10\frac{7}{8}$	40	$0\frac{5}{8}$
12	$4\frac{1}{4}$	38	$3\frac{3}{4}-\frac{1}{16}$	12	$7\frac{5}{8}$	39	$2\frac{3}{8}-\frac{1}{16}$	12	11	40	1
12	$4\frac{3}{8}$	38	$4\frac{1}{8}-\frac{1}{16}$	12	$7\frac{3}{4}$	39	$2\frac{3}{4}-\frac{1}{16}$	12	$11\frac{1}{8}$	40	$1\frac{3}{8}-\frac{1}{16}$
12	$4\frac{1}{2}$	38	$4\frac{5}{8}$	12	$7\frac{7}{8}$	39	$3\frac{1}{4}$	12	$11\frac{1}{4}$	40	$1\frac{3}{4}-\frac{1}{16}$
12	$4\frac{5}{8}$	38	5	12	8	39	$3\frac{5}{8}$	12	$11\frac{3}{8}$	40	$2\frac{1}{8}-\frac{1}{16}$
12	$4\frac{3}{4}$	38	$5\frac{3}{8}$	12	$8\frac{1}{8}$	39	4	12	$11\frac{1}{2}$	40	$2\frac{1}{2}-\frac{1}{16}$
12	$4\frac{7}{8}$	38	$5\frac{3}{4}-\frac{1}{16}$	12	$8\frac{1}{4}$	39	$4\frac{3}{8}-\frac{1}{16}$	12	$11\frac{5}{8}$	40	$2\frac{7}{8}-\frac{1}{16}$
12	5	38	$6\frac{1}{4}$	12	$8\frac{3}{8}$	39	$4\frac{3}{4}-\frac{1}{16}$	12	$11\frac{3}{4}$	40	$3\frac{3}{8}$
12	$5\frac{1}{8}$	38	$6\frac{5}{8}$	12	$8\frac{1}{2}$	39	$5\frac{1}{8}-\frac{1}{16}$	12	$11\frac{7}{8}$	40	$3\frac{3}{4}-\frac{1}{16}$
12	$5\frac{1}{4}$	38	7	12	$8\frac{5}{8}$	39	$5\frac{1}{2}-\frac{1}{16}$	13	0	40	$4\frac{1}{8}-\frac{1}{16}$
12	$5\frac{3}{8}$	38	$7\frac{3}{8}$	12	$8\frac{3}{4}$	39	$5\frac{7}{8}-\frac{1}{16}$				
12	$5\frac{1}{2}$	38	$7\frac{3}{4}$	12	$8\frac{7}{8}$	39	$6\frac{3}{8}$				

Diagonal Measurement at the Root, 1-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	0	2	$7\frac{3}{8}$	1	$0\frac{1}{4}$	2	$8\frac{1}{8}-\frac{1}{16}$	1	$0\frac{1}{2}$	2	$8\frac{7}{8}-\frac{1}{16}$
1	$0\frac{1}{8}$	2	$7\frac{3}{4}-\frac{1}{16}$	1	$0\frac{3}{8}$	2	$8\frac{1}{2}-\frac{1}{16}$	1	$0\frac{5}{8}$	2	$9\frac{1}{4}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, 1-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	$0\frac{3}{4}$	2	$9\frac{3}{4}$	1	$5\frac{1}{8}$	3	$11\frac{1}{2}$	1	$9\frac{1}{2}$	5	$1\frac{1}{4}$
1	$0\frac{7}{8}$	2	$10\frac{1}{8}$	1	$5\frac{1}{4}$	3	$11\frac{7}{8}$	1	$9\frac{5}{8}$	5	$1\frac{5}{8}$
1	1	2	$10\frac{1}{2}-\frac{1}{16}$	1	$5\frac{3}{8}$	4	$0\frac{1}{4}$	1	$9\frac{3}{4}$	5	2
1	$1\frac{1}{8}$	2	$10\frac{7}{8}-\frac{1}{16}$	1	$5\frac{1}{2}$	4	$0\frac{5}{8}-\frac{1}{16}$	1	$9\frac{7}{8}$	5	$2\frac{3}{8}-\frac{1}{16}$
1	$1\frac{1}{4}$	2	$11\frac{1}{4}-\frac{1}{16}$	1	$5\frac{5}{8}$	4	$1\frac{1}{16}$	1	10	5	$2\frac{3}{4}-\frac{1}{16}$
1	$1\frac{3}{8}$	2	$11\frac{5}{8}-\frac{1}{16}$	1	$5\frac{3}{4}$	4	$1\frac{3}{8}-\frac{1}{16}$	1	$10\frac{1}{8}$	5	$3\frac{1}{8}-\frac{1}{16}$
1	$1\frac{1}{2}$	3	$0\frac{1}{16}$	1	$5\frac{7}{8}$	4	$1\frac{3}{4}-\frac{1}{16}$	1	$10\frac{1}{4}$	5	$3\frac{1}{2}-\frac{1}{16}$
1	$1\frac{5}{8}$	3	$0\frac{1}{2}$	1	6	4	$2\frac{1}{4}$	1	$10\frac{3}{8}$	5	4
1	$1\frac{3}{4}$	3	$0\frac{7}{8}$	1	$6\frac{1}{8}$	4	$2\frac{5}{8}$	1	$10\frac{1}{2}$	5	$4\frac{3}{8}$
1	$1\frac{7}{8}$	3	$1\frac{1}{4}-\frac{1}{16}$	1	$6\frac{1}{4}$	4	$3\frac{1}{16}$	1	$10\frac{5}{8}$	5	$4\frac{3}{4}$
1	2	3	$1\frac{3}{8}-\frac{1}{16}$	1	$6\frac{3}{8}$	4	$3\frac{3}{8}-\frac{1}{16}$	1	$10\frac{3}{4}$	5	$5\frac{1}{8}-\frac{1}{16}$
1	$2\frac{1}{8}$	3	$2\frac{1}{16}$	1	$6\frac{1}{2}$	4	$3\frac{3}{4}-\frac{1}{16}$	1	$10\frac{7}{8}$	5	$5\frac{1}{2}-\frac{1}{16}$
1	$2\frac{1}{4}$	3	$2\frac{3}{8}-\frac{1}{16}$	1	$6\frac{5}{8}$	4	$4\frac{1}{8}-\frac{1}{16}$	1	11	5	$5\frac{7}{8}-\frac{1}{16}$
1	$2\frac{3}{8}$	3	$2\frac{3}{4}-\frac{1}{16}$	1	$6\frac{3}{4}$	4	$4\frac{1}{2}-\frac{1}{16}$	1	$11\frac{1}{8}$	5	$6\frac{1}{4}-\frac{1}{16}$
1	$2\frac{1}{2}$	3	$3\frac{1}{4}$	1	$6\frac{7}{8}$	4	5	1	$11\frac{1}{4}$	5	$6\frac{3}{4}$
1	$2\frac{5}{8}$	3	$3\frac{5}{8}$	1	7	4	$5\frac{3}{8}$	1	$11\frac{3}{8}$	5	$7\frac{1}{8}$
1	$2\frac{3}{4}$	3	$4\frac{1}{16}$	1	$7\frac{1}{8}$	4	$5\frac{3}{4}-\frac{1}{16}$	1	$11\frac{1}{2}$	5	$7\frac{1}{2}$
1	$2\frac{7}{8}$	3	$4\frac{3}{8}-\frac{1}{16}$	1	$7\frac{1}{4}$	4	$6\frac{1}{8}-\frac{1}{16}$	1	$11\frac{5}{8}$	5	$7\frac{7}{8}$
1	3	3	$4\frac{3}{4}-\frac{1}{16}$	1	$7\frac{3}{8}$	4	$6\frac{1}{2}-\frac{1}{16}$	1	$11\frac{3}{4}$	5	$8\frac{1}{4}-\frac{1}{16}$
1	$3\frac{1}{8}$	3	$5\frac{1}{8}-\frac{1}{16}$	1	$7\frac{1}{2}$	4	$6\frac{7}{8}-\frac{1}{16}$	1	$11\frac{7}{8}$	5	$8\frac{5}{8}-\frac{1}{16}$
1	$3\frac{1}{4}$	3	$5\frac{1}{2}-\frac{1}{16}$	1	$7\frac{5}{8}$	4	$7\frac{1}{4}-\frac{1}{16}$	2	0	5	$9\frac{1}{16}$
1	$3\frac{3}{8}$	3	6	1	$7\frac{3}{4}$	4	$7\frac{3}{4}$	2	$0\frac{1}{8}$	5	$9\frac{1}{2}$
1	$3\frac{1}{2}$	3	$6\frac{3}{8}$	1	$7\frac{7}{8}$	4	$8\frac{1}{8}$	2	$0\frac{1}{4}$	5	$9\frac{7}{8}$
1	$3\frac{5}{8}$	3	$6\frac{3}{4}-\frac{1}{16}$	1	8	4	$8\frac{1}{2}$	2	$0\frac{3}{8}$	5	$10\frac{1}{4}$
1	$3\frac{3}{4}$	3	$7\frac{1}{8}-\frac{1}{16}$	1	$8\frac{1}{8}$	4	$8\frac{7}{8}-\frac{1}{16}$	2	$0\frac{1}{2}$	5	$10\frac{5}{8}$
1	$3\frac{7}{8}$	3	$7\frac{1}{2}-\frac{1}{16}$	1	$8\frac{1}{4}$	4	$9\frac{1}{4}-\frac{1}{16}$	2	$0\frac{5}{8}$	5	$11\frac{1}{16}$
1	4	3	$7\frac{7}{8}-\frac{1}{16}$	1	$8\frac{3}{8}$	4	$9\frac{3}{8}-\frac{1}{16}$	2	$0\frac{3}{4}$	5	$11\frac{3}{8}-\frac{1}{16}$
1	$4\frac{1}{8}$	3	$8\frac{1}{4}-\frac{1}{16}$	1	$8\frac{1}{2}$	4	$10\frac{1}{16}$	2	$0\frac{7}{8}$	5	$11\frac{3}{4}-\frac{1}{16}$
1	$4\frac{1}{4}$	3	$8\frac{3}{4}$	1	$8\frac{5}{8}$	4	$10\frac{1}{2}$	2	1	6	$0\frac{1}{4}$
1	$4\frac{3}{8}$	3	$9\frac{1}{8}$	1	$8\frac{3}{4}$	4	$10\frac{7}{8}$	2	$1\frac{1}{8}$	6	$0\frac{5}{8}$
1	$4\frac{1}{2}$	3	$9\frac{1}{2}-\frac{1}{16}$	1	$8\frac{7}{8}$	4	$11\frac{1}{4}$	2	$1\frac{1}{4}$	6	1
1	$4\frac{5}{8}$	3	$9\frac{7}{8}-\frac{1}{16}$	1	9	4	$11\frac{5}{8}-\frac{1}{16}$	2	$1\frac{3}{8}$	6	$1\frac{3}{8}$
1	$4\frac{3}{4}$	3	$10\frac{1}{4}-\frac{1}{16}$	1	$9\frac{1}{8}$	5	$0\frac{1}{16}$	2	$1\frac{1}{2}$	6	$1\frac{3}{4}-\frac{1}{16}$
1	$4\frac{7}{8}$	3	$10\frac{5}{8}-\frac{1}{16}$	1	$9\frac{1}{4}$	5	$0\frac{3}{8}-\frac{1}{16}$	2	$1\frac{5}{8}$	6	$2\frac{1}{8}-\frac{1}{16}$
1	5	3	$11\frac{1}{16}$	1	$9\frac{3}{8}$	5	$0\frac{3}{4}-\frac{1}{16}$	2	$1\frac{3}{4}$	6	$2\frac{1}{2}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, 1-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
2	$1\frac{7}{8}$	6	3	2	$6\frac{1}{4}$	7	$4\frac{3}{4}$	2	$10\frac{5}{8}$	8	$6\frac{1}{2}$
2	2	6	$3\frac{3}{8}$	2	$6\frac{3}{8}$	7	$5\frac{1}{8}$	2	$10\frac{3}{4}$	8	$6\frac{7}{8}$
2	$2\frac{1}{8}$	6	$3\frac{3}{4}$	2	$6\frac{1}{2}$	7	$5\frac{1}{2}$	2	$10\frac{7}{8}$	8	$7\frac{1}{4}-\frac{1}{16}$
2	$2\frac{1}{4}$	6	$4\frac{1}{8}$	2	$6\frac{5}{8}$	7	$5\frac{7}{8}$	2	11	8	$7\frac{5}{8}-\frac{1}{16}$
2	$2\frac{3}{8}$	6	$4\frac{1}{2}-\frac{1}{16}$	2	$6\frac{3}{4}$	7	$6\frac{1}{4}-\frac{1}{16}$	2	$11\frac{1}{8}$	8	$8\frac{1}{16}$
2	$2\frac{1}{2}$	6	$4\frac{7}{8}-\frac{1}{16}$	2	$6\frac{7}{8}$	7	$6\frac{5}{8}-\frac{1}{16}$	2	$11\frac{1}{4}$	8	$8\frac{1}{2}$
2	$2\frac{5}{8}$	6	$5\frac{1}{4}-\frac{1}{16}$	2	7	7	$7\frac{1}{16}$	2	$11\frac{3}{8}$	8	$8\frac{7}{8}$
2	$2\frac{3}{4}$	6	$5\frac{3}{4}$	2	$7\frac{1}{8}$	7	$7\frac{3}{8}-\frac{1}{16}$	2	$11\frac{1}{2}$	8	$9\frac{1}{4}$
2	$2\frac{7}{8}$	6	$6\frac{1}{8}$	2	$7\frac{1}{4}$	7	$7\frac{7}{8}$	2	$11\frac{5}{8}$	8	$9\frac{5}{8}$
2	3	6	$6\frac{1}{2}$	2	$7\frac{3}{8}$	7	$8\frac{1}{4}$	2	$11\frac{3}{4}$	8	10
2	$3\frac{1}{8}$	6	$6\frac{7}{8}-\frac{1}{16}$	2	$7\frac{1}{2}$	7	$8\frac{5}{8}$	2	$11\frac{7}{8}$	8	$10\frac{3}{8}$
2	$3\frac{1}{4}$	6	$7\frac{1}{4}-\frac{1}{16}$	2	$7\frac{5}{8}$	7	$9\frac{1}{16}$	3	0	8	$10\frac{3}{4}-\frac{1}{16}$
2	$3\frac{3}{8}$	6	$7\frac{3}{4}$	2	$7\frac{3}{4}$	7	$9\frac{3}{8}-\frac{1}{16}$	3	$0\frac{1}{8}$	8	$11\frac{1}{8}-\frac{1}{16}$
2	$3\frac{1}{2}$	6	$8\frac{1}{8}$	2	$7\frac{7}{8}$	7	$9\frac{3}{4}-\frac{1}{16}$	3	$0\frac{1}{4}$	8	$11\frac{5}{8}$
2	$3\frac{5}{8}$	6	$8\frac{1}{2}$	2	8	7	$10\frac{1}{4}$	3	$0\frac{3}{8}$	9	0
2	$3\frac{3}{4}$	6	$8\frac{7}{8}$	2	$8\frac{1}{8}$	7	$10\frac{5}{8}$	3	$0\frac{1}{2}$	9	$0\frac{3}{8}$
2	$3\frac{7}{8}$	6	$9\frac{1}{4}$	2	$8\frac{1}{4}$	7	11	3	$0\frac{5}{8}$	9	$0\frac{3}{4}-\frac{1}{16}$
2	4	6	$9\frac{5}{8}-\frac{1}{16}$	2	$8\frac{3}{8}$	7	$11\frac{3}{8}$	3	$0\frac{3}{4}$	9	$1\frac{1}{8}-\frac{1}{16}$
2	$4\frac{1}{8}$	6	$10\frac{1}{16}$	2	$8\frac{1}{2}$	7	$11\frac{3}{4}-\frac{1}{16}$	3	$0\frac{7}{8}$	9	$1\frac{5}{8}$
2	$4\frac{1}{4}$	6	$10\frac{3}{8}-\frac{1}{16}$	2	$8\frac{5}{8}$	8	$0\frac{1}{8}-\frac{1}{16}$	3	1	9	2
2	$4\frac{3}{8}$	6	$10\frac{3}{4}-\frac{1}{16}$	2	$8\frac{3}{4}$	8	$0\frac{1}{2}-\frac{1}{16}$	3	$1\frac{1}{8}$	9	$2\frac{3}{8}$
2	$4\frac{1}{2}$	6	$11\frac{1}{4}$	2	$8\frac{7}{8}$	8	1	3	$1\frac{1}{4}$	9	$2\frac{3}{4}$
2	$4\frac{5}{8}$	6	$11\frac{5}{8}$	2	9	8	$1\frac{3}{8}$	3	$1\frac{3}{8}$	9	$3\frac{1}{8}$
2	$4\frac{3}{4}$	7	0	2	$9\frac{1}{8}$	8	$1\frac{3}{4}-\frac{1}{16}$	3	$1\frac{1}{2}$	9	$3\frac{1}{2}$
2	$4\frac{7}{8}$	7	$0\frac{3}{8}-\frac{1}{16}$	2	$9\frac{1}{4}$	8	$2\frac{1}{8}-\frac{1}{16}$	3	$1\frac{5}{8}$	9	$3\frac{7}{8}$
2	5	7	$0\frac{3}{4}-\frac{1}{16}$	2	$9\frac{3}{8}$	8	$2\frac{1}{2}-\frac{1}{16}$	3	$1\frac{3}{4}$	9	$4\frac{1}{4}-\frac{1}{16}$
2	$5\frac{1}{8}$	7	$1\frac{1}{8}-\frac{1}{16}$	2	$9\frac{1}{2}$	8	3	3	$1\frac{7}{8}$	9	$4\frac{5}{8}-\frac{1}{16}$
2	$5\frac{1}{4}$	7	$1\frac{1}{2}-\frac{1}{16}$	2	$9\frac{5}{8}$	8	$3\frac{3}{8}$	3	2	9	$5\frac{1}{16}$
2	$5\frac{3}{8}$	7	2	2	$9\frac{3}{4}$	8	$3\frac{3}{4}$	3	$2\frac{1}{8}$	9	$5\frac{1}{2}$
2	$5\frac{1}{2}$	7	$2\frac{3}{8}$	2	$9\frac{7}{8}$	8	$4\frac{1}{8}$	3	$2\frac{1}{4}$	9	$5\frac{7}{8}$
2	$5\frac{5}{8}$	7	$2\frac{3}{4}$	2	10	8	$4\frac{1}{2}$	3	$2\frac{3}{8}$	9	$6\frac{1}{4}-\frac{1}{16}$
2	$5\frac{3}{4}$	7	$3\frac{1}{8}$	2	$10\frac{1}{8}$	8	$4\frac{7}{8}$	3	$2\frac{1}{2}$	9	$6\frac{5}{8}-\frac{1}{16}$
2	$5\frac{7}{8}$	7	$3\frac{1}{2}-\frac{1}{16}$	2	$10\frac{1}{4}$	8	$5\frac{1}{4}-\frac{1}{16}$	3	$2\frac{5}{8}$	9	$7\frac{1}{16}$
2	6	7	$3\frac{7}{8}-\frac{1}{16}$	2	$10\frac{3}{8}$	8	$5\frac{5}{8}-\frac{1}{16}$	3	$2\frac{3}{4}$	9	$7\frac{3}{8}-\frac{1}{16}$
2	$6\frac{1}{8}$	7	$4\frac{1}{4}-\frac{1}{16}$	2	$10\frac{1}{2}$	8	$6\frac{1}{16}$	3	$2\frac{7}{8}$	9	$7\frac{3}{4}-\frac{1}{16}$

Diagonal Measurement at the Root, 1-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	3	9	$8\frac{1}{8}-\frac{1}{16}$	3	$7\frac{3}{8}$	10	10	3	$11\frac{3}{4}$	11	$11\frac{5}{8}-\frac{1}{16}$
3	$3\frac{1}{8}$	9	$8\frac{1}{2}-\frac{1}{16}$	3	$7\frac{1}{2}$	10	$10\frac{3}{8}$	3	$11\frac{7}{8}$	12	$0\frac{1}{16}$
3	$3\frac{1}{4}$	9	9	3	$7\frac{5}{8}$	10	$10\frac{3}{4}-\frac{1}{16}$	4	0	12	$0\frac{1}{2}$
3	$3\frac{3}{8}$	9	$9\frac{3}{8}$	3	$7\frac{3}{4}$	10	$11\frac{1}{8}-\frac{1}{16}$	4	$0\frac{1}{8}$	12	$0\frac{7}{8}$
3	$3\frac{1}{2}$	9	$9\frac{3}{4}-\frac{1}{16}$	3	$7\frac{7}{8}$	10	$11\frac{1}{2}-\frac{1}{16}$	4	$0\frac{1}{4}$	12	$1\frac{1}{4}-\frac{1}{16}$
3	$3\frac{5}{8}$	9	$10\frac{1}{8}-\frac{1}{16}$	3	8	10	$11\frac{7}{8}-\frac{1}{16}$	4	$0\frac{3}{8}$	12	$1\frac{5}{8}-\frac{1}{16}$
3	$3\frac{3}{4}$	9	$10\frac{1}{2}-\frac{1}{16}$	3	$8\frac{1}{8}$	11	$0\frac{1}{4}-\frac{1}{16}$	4	$0\frac{1}{2}$	12	$2\frac{1}{16}$
3	$3\frac{7}{8}$	9	11	3	$8\frac{1}{4}$	11	$0\frac{5}{8}-\frac{1}{16}$	4	$0\frac{5}{8}$	12	$2\frac{1}{2}$
3	4	9	$11\frac{3}{8}$	3	$8\frac{3}{8}$	11	$1\frac{1}{16}$	4	$0\frac{3}{4}$	12	$2\frac{7}{8}$
3	$4\frac{1}{8}$	9	$11\frac{3}{4}-\frac{1}{16}$	3	$8\frac{1}{2}$	11	$1\frac{1}{2}$	4	$0\frac{7}{8}$	12	$3\frac{1}{4}-\frac{1}{16}$
3	$4\frac{1}{4}$	10	$0\frac{1}{8}-\frac{1}{16}$	3	$8\frac{5}{8}$	11	$1\frac{7}{8}$	4	1	12	$3\frac{5}{8}-\frac{1}{16}$
3	$4\frac{3}{8}$	10	$0\frac{1}{2}-\frac{1}{16}$	3	$8\frac{3}{4}$	11	$2\frac{1}{4}-\frac{1}{16}$	4	$1\frac{1}{8}$	12	$4\frac{1}{16}$
3	$4\frac{1}{2}$	10	1	3	$8\frac{7}{8}$	11	$2\frac{5}{8}-\frac{1}{16}$	4	$1\frac{1}{4}$	12	$4\frac{3}{8}-\frac{1}{16}$
3	$4\frac{5}{8}$	10	$1\frac{3}{8}$	3	9	11	$3\frac{1}{16}$	4	$1\frac{3}{8}$	12	$4\frac{3}{4}-\frac{1}{16}$
3	$4\frac{3}{4}$	10	$1\frac{3}{4}$	3	$9\frac{1}{8}$	11	$3\frac{1}{2}$	4	$1\frac{1}{2}$	12	$5\frac{1}{8}-\frac{1}{16}$
3	$4\frac{7}{8}$	10	$2\frac{1}{8}$	3	$9\frac{1}{4}$	11	$3\frac{7}{8}$	4	$1\frac{5}{8}$	12	$5\frac{1}{2}-\frac{1}{16}$
3	5	10	$2\frac{1}{2}$	3	$9\frac{3}{8}$	11	$4\frac{1}{4}-\frac{1}{16}$	4	$1\frac{3}{4}$	12	6
3	$5\frac{1}{8}$	10	$2\frac{7}{8}$	3	$9\frac{1}{2}$	11	$4\frac{5}{8}-\frac{1}{16}$	4	$1\frac{7}{8}$	12	$6\frac{3}{8}$
3	$5\frac{1}{4}$	10	$3\frac{1}{4}-\frac{1}{16}$	3	$9\frac{5}{8}$	11	$5\frac{1}{16}$	4	2	12	$6\frac{3}{4}-\frac{1}{16}$
3	$5\frac{3}{8}$	10	$3\frac{5}{8}-\frac{1}{16}$	3	$9\frac{3}{4}$	11	$5\frac{3}{8}-\frac{1}{16}$	4	$2\frac{1}{8}$	12	$7\frac{1}{8}-\frac{1}{16}$
3	$5\frac{1}{2}$	10	$4\frac{1}{8}$	3	$9\frac{7}{8}$	11	$5\frac{3}{4}-\frac{1}{16}$	4	$2\frac{1}{4}$	12	$7\frac{1}{2}-\frac{1}{16}$
3	$5\frac{5}{8}$	10	$4\frac{1}{2}$	3	10	11	$6\frac{1}{8}-\frac{1}{16}$	4	$2\frac{3}{8}$	12	8
3	$5\frac{3}{4}$	10	$4\frac{7}{8}$	3	$10\frac{1}{8}$	11	$6\frac{1}{2}-\frac{1}{16}$	4	$2\frac{1}{2}$	12	$8\frac{3}{8}$
3	$5\frac{7}{8}$	10	$5\frac{1}{4}-\frac{1}{16}$	3	$10\frac{1}{4}$	11	7	4	$2\frac{5}{8}$	12	$8\frac{3}{4}-\frac{1}{16}$
3	6	10	$5\frac{5}{8}-\frac{1}{16}$	3	$10\frac{3}{8}$	11	$7\frac{3}{8}$	4	$2\frac{3}{4}$	12	$9\frac{1}{8}-\frac{1}{16}$
3	$6\frac{1}{8}$	10	$6\frac{1}{16}$	3	$10\frac{1}{2}$	11	$7\frac{3}{4}-\frac{1}{16}$	4	$2\frac{7}{8}$	12	$9\frac{1}{2}-\frac{1}{16}$
3	$6\frac{1}{4}$	10	$6\frac{3}{8}-\frac{1}{16}$	3	$10\frac{5}{8}$	11	$8\frac{1}{8}-\frac{1}{16}$	4	3	12	$9\frac{7}{8}-\frac{1}{16}$
3	$6\frac{3}{8}$	10	$6\frac{3}{4}-\frac{1}{16}$	3	$10\frac{3}{4}$	11	$8\frac{1}{2}-\frac{1}{16}$	4	$3\frac{1}{8}$	12	$10\frac{1}{4}-\frac{1}{16}$
3	$6\frac{1}{2}$	10	$7\frac{1}{8}-\frac{1}{16}$	3	$10\frac{7}{8}$	11	9	4	$3\frac{1}{4}$	12	$10\frac{5}{8}-\frac{1}{16}$
3	$6\frac{5}{8}$	10	$7\frac{5}{8}$	3	11	11	$9\frac{3}{8}$	4	$3\frac{3}{8}$	12	$11\frac{1}{16}$
3	$6\frac{3}{4}$	10	8	3	$11\frac{1}{8}$	11	$9\frac{3}{4}-\frac{1}{16}$	4	$3\frac{1}{2}$	12	$11\frac{1}{2}$
3	$6\frac{7}{8}$	10	$8\frac{3}{8}$	3	$11\frac{1}{4}$	11	$10\frac{1}{8}-\frac{1}{16}$	4	$3\frac{5}{8}$	12	$11\frac{7}{8}$
3	7	10	$8\frac{3}{4}-\frac{1}{16}$	3	$11\frac{3}{8}$	11	$10\frac{1}{2}-\frac{1}{16}$	4	$3\frac{3}{4}$	13	$0\frac{1}{4}-\frac{1}{16}$
3	$7\frac{1}{8}$	10	$9\frac{1}{8}-\frac{1}{16}$	3	$11\frac{1}{2}$	11	$10\frac{7}{8}-\frac{1}{16}$	4	$3\frac{7}{8}$	13	$0\frac{5}{8}-\frac{1}{16}$
3	$7\frac{1}{4}$	10	$9\frac{5}{8}$	3	$11\frac{5}{8}$	11	$11\frac{1}{4}-\frac{1}{16}$	4	4	13	$1\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, 1-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
4	4 1/8	13	1 1/2	4	8 1/2	14	3 1/8-1/16	5	1 3/4	15	7 5/8-1/16
4	4 1/4	13	1 7/8	4	8 5/8	14	3 1/2-1/16	5	2	15	8 1/2
4	4 3/8	13	2 1/4-1/16	4	8 3/4	14	4	5	2 1/4	15	9 1/4-1/16
4	4 1/2	13	2 5/8-1/16	4	8 7/8	14	4 3/8	5	2 1/2	15	10 1/16
4	4 5/8	13	3 1/16	4	9	14	4 3/4-1/16	5	2 3/4	15	10 7/8
4	4 3/4	13	3 3/8-1/16	4	9 1/8	14	5 1/8-1/16	5	3	15	11 5/8
4	4 7/8	13	3 3/4-1/16	4	9 1/4	14	5 1/2-1/16	5	3 1/4	16	0 3/8
4	5	13	4 1/8-1/16	4	9 3/8	14	6	5	3 1/2	16	1 3/8-1/16
4	5 1/8	13	4 1/2-1/16	4	9 1/2	14	6 3/8	5	3 3/4	16	2
4	5 1/4	13	5	4	9 5/8	14	6 3/4	5	4	16	2 3/4-1/16
4	5 3/8	13	5 3/8	4	9 3/4	14	7 1/8	5	4 1/4	16	3 1/2-1/16
4	5 1/2	13	5 3/4-1/16	4	9 7/8	14	7 1/2	5	4 1/2	16	4 3/8
4	5 5/8	13	6 1/8-1/16	4	10	14	7 7/8	5	4 3/4	16	5 1/8
4	5 3/4	13	6 1/2-1/16	4	10 1/8	14	8 1/4-1/16	5	5	16	5 7/8
4	5 7/8	13	7	4	10 1/4	14	8 5/8-1/16	5	5 1/4	16	6 5/8-1/16
4	6	13	7 3/8	4	10 3/8	14	9 1/8	5	5 1/2	16	7 1/2
4	6 1/8	13	7 3/4	4	10 1/2	14	9 1/2	5	5 3/4	16	8 1/4-1/16
4	6 1/4	13	8 1/8	4	10 5/8	14	9 7/8	5	6	16	9 1/8
4	6 3/8	13	8 1/2	4	10 3/4	14	10 1/4	5	6 1/4	16	9 7/8
4	6 1/2	13	8 7/8	4	10 7/8	14	10 5/8-1/16	5	6 1/2	16	10 5/8
4	6 5/8	13	9 1/4-1/16	4	11	14	11 1/8	5	6 3/4	16	11 3/8
4	6 3/4	13	9 5/8-1/16	4	11 1/8	14	11 1/2	5	7	17	0 1/8-1/16
4	6 7/8	13	10 1/16	4	11 1/4	14	11 7/8	5	7 1/4	17	1
4	7	13	10 1/2	4	11 3/8	15	0 1/4	5	7 1/2	17	1 3/4-1/16
4	7 1/8	13	10 7/8	4	11 1/2	15	0 5/8	5	7 3/4	17	2 1/2-1/16
4	7 1/4	13	11 1/4-1/16	4	11 5/8	15	1	5	8	17	3 3/8
4	7 3/8	13	11 5/8-1/16	4	11 3/4	15	1 3/8	5	8 1/4	17	4 1/8
4	7 1/2	14	0 1/16	4	11 7/8	15	1 3/4-1/16	5	8 1/2	17	4 7/8
4	7 5/8	14	0 1/2	5	0	15	2 1/8-1/16	5	8 3/4	17	5 5/8-1/16
4	7 3/4	14	0 7/8	5	0 1/4	15	3	5	9	17	6 1/2
4	7 7/8	14	1 1/4	5	0 1/2	15	3 3/4-1/16	5	9 1/4	17	7 1/4
4	8	14	1 5/8	5	0 3/4	15	4 1/2-1/16	5	9 1/2	17	8 1/8
4	8 1/8	14	2	5	1	15	5 3/8	5	9 3/4	17	8 7/8
4	8 1/4	14	2 3/8	5	1 1/4	15	6 1/8	5	10	17	9 5/8
4	8 3/8	14	2 3/4-1/16	5	1 1/2	15	6 7/8	5	10 1/4	17	10 3/8

DIAGONAL MEASUREMENT AT THE ROOT, 1-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
5	10½	17	11⅛-1/16	6	7¼	20	2⅝-1/16	7	4	22	6⅛-1/16
5	10¾	18	0	6	7½	20	3½	7	4¼	22	7
5	11	18	0¾-1/16	6	7¾	20	4¼-1/16	7	4½	22	7¾
5	11¼	18	1½-1/16	6	8	20	5 1/16	7	4¾	22	8½
5	11½	18	2¼-1/16	6	8¼	20	5¾-1/16	7	5	22	9¼-1/16
5	11¾	18	3⅛	6	8½	20	6½-1/16	7	5¼	22	10⅛
6	0	18	3⅞	6	8¾	20	7⅜	7	5½	22	10⅞
6	0¼	18	4⅝-1/16	6	9	20	8⅛-1/16	7	5¾	22	11⅝-1/16
6	0½	18	5½	6	9¼	20	9	7	6	23	0½
6	0¾	18	6¼-1/16	6	9½	20	9¾	7	6¼	23	1¼
6	1	18	7 1/16	6	9¾	20	10½	7	6½	23	2
6	1¼	18	7¾-1/16	6	10	20	11¼-1/16	7	6¾	23	2¾-1/16
6	1½	18	8½-1/16	6	10¼	21	0⅛	7	7	23	3½-1/16
6	1¾	18	9⅜	6	10½	21	0⅞	7	7¼	23	4⅜
6	2	18	10⅛-1/16	6	10¾	21	1⅝-1/16	7	7½	23	5⅛-1/16
6	2¼	18	11	6	11	21	2½	7	7¾	23	6
6	2½	18	11¾-1/16	6	11¼	21	3¼	7	8	23	6¾
6	2¾	19	0½-1/16	6	11½	21	4	7	8¼	23	7½
6	3	19	1¼-1/16	6	11¾	21	4¾-1/16	7	8½	23	8¼-1/16
6	3¼	19	2⅛	7	0	21	5½-1/16	7	8¾	23	9 1/16
6	3½	19	2⅞	7	0¼	21	6⅜	7	9	23	9⅞
6	3¾	19	3⅝-1/16	7	0½	21	7⅛-1/16	7	9¼	23	10⅝-1/16
6	4	19	4½	7	0¾	21	8	7	9½	23	11⅜-1/16
6	4¼	19	5¼-1/16	7	1	21	8¾	7	9¾	24	0⅛-1/16
6	4½	19	6 1/16	7	1¼	21	9½	7	10	24	1
6	4¾	19	6¾-1/16	7	1½	21	10¼-1/16	7	10¼	24	1¾-1/16
6	5	19	7½-1/16	7	1¾	21	11⅛	7	10½	24	2½-1/16
6	5¼	19	8⅜	7	2	21	11⅞	7	10¾	24	3⅜
6	5½	19	9⅛-1/16	7	2¼	22	0⅝-1/16	7	11	24	4⅛-1/16
6	5¾	19	10	7	2½	22	1½	7	11¼	24	5
6	6	19	10¾-1/16	7	2¾	22	2¼	7	11½	24	5¾
6	6¼	19	11½-1/16	7	3	22	3	7	11¾	24	6½
6	6½	20	0¼-1/16	7	3¼	22	3¾-1/16	8	0	24	7¼-1/16
6	6¾	20	1⅛	7	3½	22	4½-1/16	8	0¼	24	8⅛
6	7	20	1⅞	7	3¾	22	5⅜	8	0½	24	8⅞

DIAGONAL MEASUREMENT AT THE ROOT, 1-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
8	0¾	24	9⅝-1/16	8	9½	27	1 1/16	9	6¼	29	4⅝
8	1	24	10⅜-1/16	8	9¾	27	1⅞-1/16	6	6½	29	5⅜
8	1¼	24	11⅛-1/16	8	10	27	2⅝-1/16	9	6¾	29	6⅛-1/16
8	1½	25	0	8	10¼	27	3½	9	7	29	7
8	1¾	25	0¾-1/16	8	10½	27	4¼	9	7¼	29	7¾
8	2	25	1½-1/16	8	10¾	27	5 1/16	9	7½	29	8½-1/16
8	2¼	25	2⅜	8	11	27	5¾-1/16	9	7¾	29	9¼-1/16
8	2½	25	3⅛-1/16	8	11¼	27	6⅝	9	8	29	10⅛
8	2¾	25	3⅞-1/16	8	11½	27	7⅜-1/16	9	8¼	29	10⅞
8	3	25	4⅝-1/16	8	11¾	27	8⅛-1/16	9	8½	29	11⅝-1/16
8	3¼	25	5½	9	0	27	9	9	8¾	30	0⅜-1/16
8	3½	25	6¼-1/16	9	0¼	27	9¾	9	9	30	1¼
8	3¾	25	7⅛	9	0½	27	10½	9	9¼	30	2
8	4	25	7⅞	9	0¾	27	11¼-1/16	9	9½	30	2¾-1/16
8	4¼	25	8⅝-1/16	9	1	28	0⅛	9	9¾	30	3⅝
8	4½	25	9⅜-1/16	9	1¼	28	0⅞	9	10	30	4⅜
8	4¾	25	10⅛-1/16	9	1½	28	1⅝-1/16	9	10¼	30	5⅛-1/16
8	5	25	11	9	1¾	28	2½	9	10½	30	6
8	5¼	25	11¾-1/16	9	2	28	3¼	9	10¾	30	6¾
8	5½	26	0½-1/16	9	2¼	28	4	9	11	30	7½
8	5¾	26	1⅜	9	2½	28	4⅞	9	11¼	30	8¼-1/16
8	6	26	2⅛-1/16	9	2¾	28	5⅝	9	11½	30	9⅛
8	6¼	26	2⅞-1/16	9	3	28	6⅜	9	11¾	30	9⅞
8	6½	26	3⅝-1/16	9	3¼	28	7⅛-1/16	10	0	30	10⅝
8	6¾	26	4½	9	3½	28	8	10	0¼	30	11⅜-1/16
8	7	26	5¼-1/16	9	3¾	28	8¾	10	0½	31	0¼
8	7¼	26	6 1/16	9	4	28	9½	10	0¾	31	1
8	7½	26	6¾-1/16	9	4¼	28	10¼-1/16	10	1	31	1¾-1/16
8	7¾	26	7⅝	9	4½	28	11⅛	10	1¼	31	2⅝
8	8	26	8⅜-1/16	9	4¾	28	11⅞	10	1½	31	3⅜
8	8¼	26	9⅛-1/16	9	5	29	0⅝-1/16	10	1¾	31	4⅛
8	8½	26	10	9	5¼	29	1½	10	2	31	5
8	8¾	26	10¾	9	5½	29	2¼	10	2¼	31	5¾
8	9	26	11½-1/16	9	5¾	29	3	10	2½	31	6½
8	9¼	27	0¼-1/16	9	6	29	3¾-1/16	10	2¾	31	7¼-1/16

Diagonal Measurement at the Root, 1-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
10	3	31	$8\frac{1}{8}$	10	$11\frac{3}{4}$	33	$11\frac{1}{2}-\frac{1}{16}$	11	$8\frac{1}{2}$	36	$3\frac{1}{16}$
10	$3\frac{1}{4}$	31	$8\frac{7}{8}$	11	0	34	$0\frac{3}{8}$	11	$8\frac{3}{4}$	36	$3\frac{7}{8}$
10	$3\frac{1}{2}$	31	$9\frac{5}{8}-\frac{1}{16}$	11	$0\frac{1}{4}$	34	$1\frac{1}{8}-\frac{1}{16}$	11	9	36	$4\frac{5}{8}$
10	$3\frac{3}{4}$	31	$10\frac{3}{8}-\frac{1}{16}$	11	$0\frac{1}{2}$	34	$1\frac{7}{8}-\frac{1}{16}$	11	$9\frac{1}{4}$	36	$5\frac{3}{8}-\frac{1}{16}$
10	4	31	$11\frac{1}{4}$	11	$0\frac{3}{4}$	34	$2\frac{3}{4}$	11	$9\frac{1}{2}$	36	$6\frac{1}{4}$
10	$4\frac{1}{4}$	32	0	11	1	34	$3\frac{1}{2}$	11	$9\frac{3}{4}$	36	7
10	$4\frac{1}{2}$	32	$0\frac{3}{4}-\frac{1}{16}$	11	$1\frac{1}{4}$	34	$4\frac{1}{4}-\frac{1}{16}$	11	10	36	$7\frac{3}{4}-\frac{1}{16}$
10	$4\frac{3}{4}$	32	$1\frac{5}{8}$	11	$1\frac{1}{2}$	34	$5\frac{1}{16}$	11	$10\frac{1}{4}$	36	$8\frac{1}{2}-\frac{1}{16}$
10	5	32	$2\frac{3}{8}$	11	$1\frac{3}{4}$	34	$5\frac{7}{8}$	11	$10\frac{1}{2}$	36	$9\frac{3}{8}$
10	$5\frac{1}{4}$	32	$3\frac{1}{8}-\frac{1}{16}$	11	2	34	$6\frac{5}{8}-\frac{1}{16}$	11	$10\frac{3}{4}$	36	$10\frac{1}{8}$
10	$5\frac{1}{2}$	32	$3\frac{7}{8}-\frac{1}{16}$	11	$2\frac{1}{4}$	34	$7\frac{3}{8}-\frac{1}{16}$	11	11	36	$10\frac{7}{8}-\frac{1}{16}$
10	$5\frac{3}{4}$	32	$4\frac{5}{8}$	11	$2\frac{1}{2}$	34	$8\frac{1}{4}$	11	$11\frac{1}{4}$	36	$11\frac{3}{4}$
10	6	32	$5\frac{1}{2}$	11	$2\frac{3}{4}$	34	9	11	$11\frac{1}{2}$	37	$0\frac{1}{2}$
10	$6\frac{1}{4}$	32	$6\frac{1}{4}-\frac{1}{16}$	11	3	34	$9\frac{3}{4}-\frac{1}{16}$	11	$11\frac{3}{4}$	37	$1\frac{1}{4}-\frac{1}{16}$
10	$6\frac{1}{2}$	32	$7\frac{1}{8}$	11	$3\frac{1}{4}$	34	$10\frac{1}{2}-\frac{1}{16}$	12	0	37	$2\frac{1}{16}$
10	$6\frac{3}{4}$	32	$7\frac{7}{8}$	11	$3\frac{1}{2}$	34	$11\frac{3}{8}$	12	$0\frac{1}{4}$	37	$2\frac{7}{8}$
10	7	32	$8\frac{5}{8}-\frac{1}{16}$	11	$3\frac{3}{4}$	35	$0\frac{1}{8}$	12	$0\frac{1}{2}$	37	$3\frac{5}{8}$
10	$7\frac{1}{4}$	32	$9\frac{3}{8}-\frac{1}{16}$	11	4	35	$0\frac{7}{8}-\frac{1}{16}$	12	$0\frac{3}{4}$	37	$4\frac{3}{8}-\frac{1}{16}$
10	$7\frac{1}{2}$	32	$10\frac{1}{4}$	11	$4\frac{1}{4}$	35	$1\frac{1}{4}$	12	1	37	$5\frac{1}{4}$
10	$7\frac{3}{4}$	32	11	11	$4\frac{1}{2}$	35	$2\frac{1}{2}$	12	$1\frac{1}{4}$	37	6
10	8	32	$11\frac{3}{4}-\frac{1}{16}$	11	$4\frac{3}{4}$	35	$3\frac{1}{4}-\frac{1}{16}$	12	$1\frac{1}{2}$	37	$6\frac{3}{4}$
10	$8\frac{1}{4}$	33	$0\frac{5}{8}$	11	5	35	$4\frac{1}{16}$	12	$1\frac{3}{4}$	37	$7\frac{1}{2}-\frac{1}{16}$
10	$8\frac{1}{2}$	33	$1\frac{3}{8}$	11	$5\frac{1}{4}$	35	$4\frac{7}{8}$	12	2	37	$8\frac{3}{8}$
10	$8\frac{3}{4}$	33	$2\frac{1}{8}-\frac{1}{16}$	11	$5\frac{1}{2}$	35	$5\frac{5}{8}$	12	$2\frac{1}{4}$	37	$9\frac{1}{8}$
10	9	33	3	11	$5\frac{3}{4}$	35	$6\frac{3}{8}-\frac{1}{16}$	12	$2\frac{1}{2}$	37	$9\frac{7}{8}$
10	$9\frac{1}{4}$	33	$3\frac{3}{4}$	11	6	35	$7\frac{1}{4}$	12	$2\frac{3}{4}$	37	$10\frac{3}{4}$
10	$9\frac{1}{2}$	33	$4\frac{1}{2}$	11	$6\frac{1}{4}$	35	8	12	3	37	$11\frac{1}{2}$
10	$9\frac{3}{4}$	33	$5\frac{1}{4}-\frac{1}{16}$	11	$6\frac{1}{2}$	35	$8\frac{3}{4}-\frac{1}{16}$	12	$3\frac{1}{4}$	38	$0\frac{1}{4}-\frac{1}{16}$
10	10	33	$6\frac{1}{16}$	11	$6\frac{3}{4}$	35	$9\frac{1}{2}-\frac{1}{16}$	12	$3\frac{1}{2}$	38	$1\frac{1}{8}$
10	$10\frac{1}{4}$	33	$6\frac{7}{8}$	11	7	35	$10\frac{3}{8}$	12	$3\frac{3}{4}$	38	$1\frac{7}{8}$
10	$10\frac{1}{2}$	33	$7\frac{5}{8}-\frac{1}{16}$	11	$7\frac{1}{4}$	35	$11\frac{1}{8}$	12	4	38	$2\frac{5}{8}$
10	$10\frac{3}{4}$	33	$8\frac{3}{8}-\frac{1}{16}$	11	$7\frac{1}{2}$	35	$11\frac{7}{8}-\frac{1}{16}$	12	$4\frac{1}{4}$	38	$3\frac{3}{8}$
10	11	33	$9\frac{1}{4}$	11	$7\frac{3}{4}$	36	$0\frac{3}{8}-\frac{1}{16}$	12	$4\frac{1}{2}$	38	$4\frac{1}{8}-\frac{1}{16}$
10	$11\frac{1}{4}$	33	10	11	8	36	$1\frac{1}{2}$	12	$4\frac{3}{4}$	38	5
10	$11\frac{1}{2}$	33	$10\frac{3}{4}-\frac{1}{16}$	11	$8\frac{1}{4}$	36	$2\frac{1}{4}-\frac{1}{16}$	12	5	38	$5\frac{3}{4}-\frac{1}{16}$

Diagonal Measurement at the Root, 1-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
12	$5\frac{1}{4}$	38	$6\frac{5}{8}$	12	$7\frac{3}{4}$	39	$2\frac{3}{8}-\frac{1}{16}$	12	$10\frac{1}{4}$	39	$10\frac{1}{4}-\frac{1}{16}$
12	$5\frac{1}{2}$	38	$7\frac{3}{8}$	12	8	39	$3\frac{1}{4}$	12	$10\frac{1}{2}$	39	$11\frac{1}{16}$
12	$5\frac{3}{4}$	38	$8\frac{1}{8}$	12	$8\frac{1}{4}$	39	4	12	$10\frac{3}{4}$	39	$11\frac{3}{4}-\frac{1}{16}$
12	6	38	$8\frac{7}{8}-\frac{1}{16}$	12	$8\frac{1}{2}$	39	$4\frac{3}{4}-\frac{1}{16}$	12	11	40	$0\frac{5}{8}$
12	$6\frac{1}{4}$	38	$9\frac{3}{4}$	12	$8\frac{3}{4}$	39	$5\frac{1}{2}-\frac{1}{16}$	12	$11\frac{1}{4}$	40	$1\frac{3}{8}-\frac{1}{16}$
12	$6\frac{1}{2}$	38	$10\frac{1}{2}$	12	9	39	$6\frac{3}{8}$	12	$11\frac{1}{2}$	40	$2\frac{1}{8}-\frac{1}{16}$
12	$6\frac{3}{4}$	38	$11\frac{1}{4}$	12	$9\frac{1}{4}$	39	$7\frac{1}{8}$	12	$11\frac{3}{4}$	40	$2\frac{7}{8}-\frac{1}{16}$
12	7	39	$0\frac{1}{16}$	12	$9\frac{1}{2}$	39	$7\frac{7}{8}-\frac{1}{16}$	13	0	40	$3\frac{3}{4}-\frac{1}{16}$
12	$7\frac{1}{4}$	39	$0\frac{7}{8}$	12	$9\frac{3}{4}$	39	$8\frac{5}{8}-\frac{1}{16}$				
12	$7\frac{1}{2}$	39	$1\frac{5}{8}$	12	10	39	$9\frac{1}{2}$				

Diagonal Measurement at the Root, $1\frac{1}{8}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	0	2	$6\frac{5}{8}$	1	$2\frac{1}{4}$	3	$1\frac{5}{8}-\frac{1}{16}$	1	$4\frac{1}{2}$	3	$8\frac{3}{4}$
1	$0\frac{1}{8}$	2	7	1	$2\frac{3}{8}$	3	$2\frac{1}{16}$	1	$4\frac{5}{8}$	3	$9\frac{1}{8}$
1	$0\frac{1}{4}$	2	$7\frac{3}{8}$	1	$2\frac{1}{2}$	3	$2\frac{3}{8}-\frac{1}{16}$	1	$4\frac{3}{4}$	3	$9\frac{1}{2}-\frac{1}{16}$
1	$0\frac{3}{8}$	2	$7\frac{3}{4}-\frac{1}{16}$	1	$2\frac{5}{8}$	3	$2\frac{3}{4}-\frac{1}{16}$	1	$4\frac{7}{8}$	3	$9\frac{7}{8}-\frac{1}{16}$
1	$0\frac{1}{2}$	2	$8\frac{1}{8}-\frac{1}{16}$	1	$2\frac{3}{4}$	3	$3\frac{1}{4}$	1	5	3	$10\frac{1}{4}-\frac{1}{16}$
1	$0\frac{5}{8}$	2	$8\frac{1}{2}-\frac{1}{16}$	1	$2\frac{7}{8}$	3	$3\frac{5}{8}$	1	$5\frac{1}{8}$	3	$10\frac{5}{8}-\frac{1}{16}$
1	$0\frac{3}{4}$	2	$8\frac{7}{8}-\frac{1}{16}$	1	3	3	$4\frac{1}{16}$	1	$5\frac{1}{4}$	3	$11\frac{1}{16}$
1	$0\frac{7}{8}$	2	$9\frac{1}{4}-\frac{1}{16}$	1	$3\frac{1}{8}$	3	$4\frac{3}{8}-\frac{1}{16}$	1	$5\frac{3}{8}$	3	$11\frac{1}{2}$
1	1	2	$9\frac{3}{4}$	1	$3\frac{1}{4}$	3	$4\frac{3}{4}-\frac{1}{16}$	1	$5\frac{1}{2}$	3	$11\frac{7}{8}$
1	$1\frac{1}{8}$	2	$10\frac{1}{8}$	1	$3\frac{3}{8}$	3	$5\frac{1}{8}-\frac{1}{16}$	1	$5\frac{5}{8}$	4	$0\frac{1}{4}$
1	$1\frac{1}{4}$	2	$10\frac{1}{2}-\frac{1}{16}$	1	$3\frac{1}{2}$	3	$5\frac{1}{2}-\frac{1}{16}$	1	$5\frac{3}{4}$	4	$0\frac{3}{8}-\frac{1}{16}$
1	$1\frac{3}{8}$	2	$10\frac{7}{8}-\frac{1}{16}$	1	$3\frac{5}{8}$	3	6	1	$5\frac{7}{8}$	4	$1\frac{1}{16}$
1	$1\frac{1}{2}$	2	$11\frac{1}{4}-\frac{1}{16}$	1	$3\frac{3}{4}$	3	$6\frac{3}{8}$	1	6	4	$1\frac{3}{8}-\frac{1}{16}$
1	$1\frac{5}{8}$	2	$11\frac{5}{8}-\frac{1}{16}$	1	$3\frac{7}{8}$	3	$6\frac{3}{4}-\frac{1}{16}$	1	$6\frac{1}{8}$	4	$1\frac{3}{4}-\frac{1}{16}$
1	$1\frac{3}{4}$	3	$0\frac{1}{16}$	1	4	3	$7\frac{1}{8}-\frac{1}{16}$	1	$6\frac{1}{4}$	4	$2\frac{1}{4}$
1	$1\frac{7}{8}$	3	$0\frac{1}{2}$	1	$4\frac{1}{8}$	3	$7\frac{1}{2}-\frac{1}{16}$	1	$6\frac{3}{8}$	4	$2\frac{5}{8}$
1	2	3	$0\frac{7}{8}$	1	$4\frac{1}{4}$	3	$7\frac{7}{8}-\frac{1}{16}$	1	$6\frac{1}{2}$	4	$3\frac{1}{16}$
1	$2\frac{1}{8}$	3	$1\frac{1}{4}-\frac{1}{16}$	1	$4\frac{3}{8}$	3	$8\frac{1}{4}-\frac{1}{16}$	1	$6\frac{5}{8}$	4	$3\frac{3}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In	Ft.	In.	Ft.	In.
1	$6\frac{3}{4}$	4	$3\frac{3}{4}$-$\frac{1}{16}$	1	$11\frac{1}{8}$	5	$5\frac{1}{2}$-$\frac{1}{16}$	2	$3\frac{1}{2}$	6	$7\frac{1}{4}$-$\frac{1}{16}$
1	$6\frac{7}{8}$	4	$4\frac{1}{8}$-$\frac{1}{16}$	1	$11\frac{1}{4}$	5	$5\frac{7}{8}$-$\frac{1}{16}$	2	$3\frac{5}{8}$	6	$7\frac{3}{4}$
1	7	4	$4\frac{1}{2}$-$\frac{1}{16}$	1	$11\frac{3}{8}$	5	$6\frac{1}{4}$-$\frac{1}{16}$	2	$3\frac{3}{4}$	6	$8\frac{1}{8}$
1	$7\frac{1}{8}$	4	5	1	$11\frac{1}{2}$	5	$6\frac{3}{4}$	2	$3\frac{7}{8}$	6	$8\frac{1}{2}$
1	$7\frac{1}{4}$	4	$5\frac{3}{8}$	1	$11\frac{5}{8}$	5	$7\frac{1}{8}$	2	4	6	$8\frac{7}{8}$
1	$7\frac{3}{8}$	4	$5\frac{3}{4}$-$\frac{1}{16}$	1	$11\frac{3}{4}$	5	$7\frac{1}{2}$	2	$4\frac{1}{8}$	6	$9\frac{1}{4}$
1	$7\frac{1}{2}$	4	$6\frac{1}{8}$-$\frac{1}{16}$	1	$11\frac{7}{8}$	5	$7\frac{7}{8}$	2	$4\frac{1}{4}$	6	$9\frac{5}{8}$-$\frac{1}{16}$
1	$7\frac{5}{8}$	4	$6\frac{1}{2}$-$\frac{1}{16}$	2	0	5	$8\frac{1}{4}$-$\frac{1}{16}$	2	$4\frac{3}{8}$	6	$10\frac{1}{16}$
1	$7\frac{3}{4}$	4	$6\frac{7}{8}$-$\frac{1}{16}$	2	$0\frac{1}{8}$	5	$8\frac{5}{8}$-$\frac{1}{16}$	2	$4\frac{1}{2}$	6	$10\frac{3}{8}$-$\frac{1}{16}$
1	$7\frac{7}{8}$	4	$7\frac{1}{4}$-$\frac{1}{16}$	2	$0\frac{1}{4}$	5	$9\frac{1}{16}$	2	$4\frac{5}{8}$	6	$10\frac{3}{4}$-$\frac{1}{16}$
1	8	4	$7\frac{3}{4}$	2	$0\frac{3}{8}$	5	$9\frac{1}{2}$	2	$4\frac{3}{4}$	6	$11\frac{1}{4}$
1	$8\frac{1}{8}$	4	$8\frac{1}{8}$	2	$0\frac{1}{2}$	5	$9\frac{7}{8}$	2	$4\frac{7}{8}$	6	$11\frac{5}{8}$
1	$8\frac{1}{4}$	4	$8\frac{1}{2}$	2	$0\frac{5}{8}$	5	$10\frac{1}{4}$	2	5	7	0
1	$8\frac{3}{8}$	4	$8\frac{3}{4}$-$\frac{1}{16}$	2	$0\frac{3}{4}$	5	$10\frac{5}{8}$	2	$5\frac{1}{8}$	7	$0\frac{3}{4}$-$\frac{1}{16}$
1	$8\frac{1}{2}$	4	$9\frac{1}{4}$-$\frac{1}{16}$	2	$0\frac{7}{8}$	5	$11\frac{1}{16}$	2	$5\frac{1}{4}$	7	$0\frac{3}{4}$-$\frac{1}{16}$
1	$8\frac{5}{8}$	4	$9\frac{5}{8}$-$\frac{1}{16}$	2	1	5	$11\frac{3}{8}$-$\frac{1}{16}$	2	$5\frac{3}{8}$	7	$1\frac{1}{8}$-$\frac{1}{16}$
1	$8\frac{3}{4}$	4	$10\frac{1}{16}$	2	$1\frac{1}{8}$	5	$11\frac{3}{4}$-$\frac{1}{16}$	2	$5\frac{1}{2}$	7	$1\frac{1}{2}$-$\frac{1}{16}$
1	$8\frac{7}{8}$	4	$10\frac{1}{2}$	2	$1\frac{1}{4}$	6	$0\frac{1}{4}$	2	$5\frac{5}{8}$	7	2
1	9	4	$10\frac{7}{8}$	2	$1\frac{3}{8}$	6	$0\frac{5}{8}$	2	$5\frac{3}{4}$	7	$2\frac{3}{8}$
1	$9\frac{1}{8}$	4	$11\frac{1}{4}$	2	$1\frac{1}{2}$	6	1	2	$5\frac{7}{8}$	7	$2\frac{3}{4}$
1	$9\frac{1}{4}$	4	$11\frac{5}{8}$-$\frac{1}{16}$	2	$1\frac{5}{8}$	6	$1\frac{3}{8}$	2	6	7	$3\frac{1}{8}$
1	$9\frac{3}{8}$	5	$0\frac{1}{16}$	2	$1\frac{3}{4}$	6	$1\frac{3}{4}$-$\frac{1}{16}$	2	$6\frac{1}{8}$	7	$3\frac{1}{2}$-$\frac{1}{16}$
1	$9\frac{1}{2}$	5	$0\frac{3}{8}$-$\frac{1}{16}$	2	$1\frac{7}{8}$	6	$2\frac{1}{8}$-$\frac{1}{16}$	2	$6\frac{1}{4}$	7	$3\frac{7}{8}$-$\frac{1}{16}$
1	$9\frac{5}{8}$	5	$0\frac{3}{4}$-$\frac{1}{16}$	2	2	6	$2\frac{1}{2}$-$\frac{1}{16}$	2	$6\frac{3}{8}$	7	$4\frac{1}{4}$-$\frac{1}{16}$
1	$9\frac{3}{4}$	5	$1\frac{1}{4}$	2	$2\frac{1}{8}$	6	3	2	$6\frac{1}{2}$	7	$4\frac{3}{4}$
1	$9\frac{7}{8}$	5	$1\frac{5}{8}$	2	$2\frac{1}{4}$	6	$3\frac{3}{8}$	2	$6\frac{5}{8}$	7	$5\frac{1}{8}$
1	10	5	2	2	$2\frac{3}{8}$	6	$3\frac{3}{4}$	2	$6\frac{3}{4}$	7	$5\frac{1}{2}$
1	$10\frac{1}{8}$	5	$2\frac{3}{8}$-$\frac{1}{16}$	2	$2\frac{1}{2}$	6	$4\frac{1}{8}$	2	$6\frac{7}{8}$	7	$5\frac{7}{8}$
1	$10\frac{1}{4}$	5	$2\frac{3}{4}$-$\frac{1}{16}$	2	$2\frac{5}{8}$	6	$4\frac{1}{2}$-$\frac{1}{16}$	2	7	7	$6\frac{1}{4}$-$\frac{1}{16}$
1	$10\frac{3}{8}$	5	$3\frac{1}{8}$-$\frac{1}{16}$	2	$2\frac{3}{4}$	6	$4\frac{7}{8}$-$\frac{1}{16}$	2	$7\frac{1}{8}$	7	$6\frac{5}{8}$-$\frac{1}{16}$
1	$10\frac{1}{2}$	5	$3\frac{1}{2}$-$\frac{1}{16}$	2	$2\frac{7}{8}$	6	$5\frac{1}{4}$-$\frac{1}{16}$	2	$7\frac{1}{4}$	7	$7\frac{1}{16}$
1	$10\frac{5}{8}$	5	4	2	3	6	$5\frac{3}{4}$	2	$7\frac{3}{8}$	7	$7\frac{3}{8}$-$\frac{1}{16}$
1	$10\frac{3}{4}$	5	$4\frac{3}{8}$	2	$3\frac{1}{8}$	6	$6\frac{1}{8}$	2	$7\frac{1}{2}$	7	$7\frac{7}{8}$
1	$10\frac{7}{8}$	5	$4\frac{3}{4}$	2	$3\frac{1}{4}$	6	$6\frac{1}{2}$	2	$7\frac{5}{8}$	7	$8\frac{1}{4}$
1	11	5	$5\frac{1}{8}$-$\frac{1}{16}$	2	$3\frac{3}{8}$	6	$6\frac{7}{8}$-$\frac{1}{16}$	2	$7\frac{3}{4}$	7	$8\frac{5}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
2	$7\frac{7}{8}$	7	$9\frac{1}{16}$	3	$0\frac{1}{4}$	8	$10\frac{3}{4}-\frac{1}{16}$	3	$4\frac{5}{8}$	10	$0\frac{1}{2}-\frac{1}{16}$
2	8	7	$9\frac{3}{8}-\frac{1}{16}$	3	$0\frac{3}{8}$	8	$11\frac{1}{8}-\frac{1}{16}$	3	$4\frac{3}{4}$	10	1
2	$8\frac{1}{8}$	7	$9\frac{3}{4}-\frac{1}{16}$	3	$0\frac{1}{2}$	8	$11\frac{5}{8}$	3	$4\frac{7}{8}$	10	$1\frac{3}{8}$
2	$8\frac{1}{4}$	7	$10\frac{1}{4}$	3	$0\frac{5}{8}$	9	0	3	5	10	$1\frac{3}{4}$
2	$8\frac{3}{8}$	7	$10\frac{5}{8}$	3	$0\frac{3}{4}$	9	$0\frac{3}{8}$	3	$5\frac{1}{8}$	10	$2\frac{1}{8}$
2	$8\frac{1}{2}$	7	11	3	$0\frac{7}{8}$	9	$0\frac{3}{4}-\frac{1}{16}$	3	$5\frac{1}{4}$	10	$2\frac{1}{2}$
2	$8\frac{5}{8}$	7	$11\frac{3}{8}$	3	1	9	$1\frac{1}{8}-\frac{1}{16}$	3	$5\frac{3}{8}$	10	$2\frac{7}{8}$
2	$8\frac{3}{4}$	7	$11\frac{3}{4}-\frac{1}{16}$	3	$1\frac{1}{8}$	9	$1\frac{5}{8}$	3	$5\frac{1}{2}$	10	$3\frac{1}{4}-\frac{1}{16}$
2	$8\frac{7}{8}$	8	$0\frac{1}{8}-\frac{1}{16}$	3	$1\frac{1}{4}$	9	2	3	$5\frac{5}{8}$	10	$3\frac{5}{8}-\frac{1}{16}$
2	9	8	$0\frac{1}{2}-\frac{1}{16}$	3	$1\frac{3}{8}$	9	$2\frac{3}{8}$	3	$5\frac{3}{4}$	10	$4\frac{1}{8}$
2	$9\frac{1}{8}$	8	1	3	$1\frac{1}{2}$	9	$2\frac{3}{4}$	3	$5\frac{7}{8}$	10	$4\frac{1}{2}$
2	$9\frac{1}{4}$	8	$1\frac{3}{8}$	3	$1\frac{5}{8}$	9	$3\frac{1}{8}$	3	6	10	$4\frac{7}{8}$
2	$9\frac{3}{8}$	8	$1\frac{3}{4}-\frac{1}{16}$	3	$1\frac{3}{4}$	9	$3\frac{1}{2}$	3	$6\frac{1}{8}$	10	$5\frac{1}{4}-\frac{1}{16}$
2	$9\frac{1}{2}$	8	$2\frac{1}{8}-\frac{1}{16}$	3	$1\frac{7}{8}$	9	$3\frac{7}{8}$	3	$6\frac{1}{4}$	10	$5\frac{5}{8}-\frac{1}{16}$
2	$9\frac{5}{8}$	8	$2\frac{1}{2}-\frac{1}{16}$	3	2	9	$4\frac{1}{4}-\frac{1}{16}$	3	$6\frac{3}{8}$	10	$6\frac{1}{16}$
2	$9\frac{3}{4}$	8	3	3	$2\frac{1}{8}$	9	$4\frac{5}{8}-\frac{1}{16}$	3	$6\frac{1}{2}$	10	$6\frac{3}{8}-\frac{1}{16}$
2	$9\frac{7}{8}$	8	$3\frac{3}{8}$	3	$2\frac{1}{4}$	9	$5\frac{1}{16}$	3	$6\frac{5}{8}$	10	$6\frac{3}{4}-\frac{1}{16}$
2	10	8	$3\frac{3}{4}$	3	$2\frac{3}{8}$	9	$5\frac{1}{2}$	3	$6\frac{3}{4}$	10	$7\frac{1}{8}-\frac{1}{16}$
2	$10\frac{1}{8}$	8	$4\frac{1}{8}$	3	$2\frac{1}{2}$	9	$5\frac{7}{8}$	3	$6\frac{7}{8}$	10	$7\frac{5}{8}$
2	$10\frac{1}{4}$	8	$4\frac{1}{2}$	3	$2\frac{5}{8}$	9	$6\frac{1}{4}-\frac{1}{16}$	3	7	10	8
2	$10\frac{3}{8}$	8	$4\frac{7}{8}$	3	$2\frac{3}{4}$	9	$6\frac{5}{8}-\frac{1}{16}$	3	$7\frac{1}{8}$	10	$8\frac{3}{8}$
2	$10\frac{1}{2}$	8	$5\frac{1}{4}-\frac{1}{16}$	3	$2\frac{7}{8}$	9	$7\frac{1}{16}$	3	$7\frac{1}{4}$	10	$8\frac{3}{4}-\frac{1}{16}$
2	$10\frac{5}{8}$	8	$5\frac{3}{8}-\frac{1}{16}$	3	3	9	$7\frac{3}{8}-\frac{1}{16}$	3	$7\frac{3}{8}$	10	$9\frac{1}{8}-\frac{1}{16}$
2	$10\frac{3}{4}$	8	$6\frac{1}{16}$	3	$3\frac{1}{8}$	9	$7\frac{3}{4}-\frac{1}{16}$	3	$7\frac{1}{2}$	10	$9\frac{5}{8}$
2	$10\frac{7}{8}$	8	$6\frac{1}{2}$	3	$3\frac{1}{4}$	9	$8\frac{1}{8}-\frac{1}{16}$	3	$7\frac{5}{8}$	10	10
2	11	8	$6\frac{7}{8}$	3	$3\frac{3}{8}$	9	$8\frac{1}{2}-\frac{1}{16}$	3	$7\frac{3}{4}$	10	$10\frac{3}{8}$
2	$11\frac{1}{8}$	8	$7\frac{1}{4}-\frac{1}{16}$	3	$3\frac{1}{2}$	9	9	3	$7\frac{7}{8}$	10	$10\frac{3}{4}-\frac{1}{16}$
2	$11\frac{1}{4}$	8	$7\frac{5}{8}-\frac{1}{16}$	3	$3\frac{5}{8}$	9	$9\frac{3}{8}$	3	8	10	$11\frac{1}{8}-\frac{1}{16}$
2	$11\frac{3}{8}$	8	$8\frac{1}{16}$	3	$3\frac{3}{4}$	9	$9\frac{3}{4}-\frac{1}{16}$	3	$8\frac{1}{8}$	10	$11\frac{1}{2}-\frac{1}{16}$
2	$11\frac{1}{2}$	8	$8\frac{1}{2}$	3	$3\frac{7}{8}$	9	$10\frac{1}{8}-\frac{1}{16}$	3	$8\frac{1}{4}$	10	$11\frac{7}{8}-\frac{1}{16}$
2	$11\frac{5}{8}$	8	$8\frac{7}{8}$	3	4	9	$10\frac{1}{2}-\frac{1}{16}$	3	$8\frac{3}{8}$	11	$0\frac{1}{4}-\frac{1}{16}$
2	$11\frac{3}{4}$	8	$9\frac{1}{4}$	3	$4\frac{1}{8}$	9	11	3	$8\frac{1}{2}$	11	$0\frac{5}{8}-\frac{1}{16}$
2	$11\frac{7}{8}$	8	$9\frac{5}{8}$	3	$4\frac{1}{4}$	9	$11\frac{3}{8}$	3	$8\frac{5}{8}$	11	$1\frac{1}{16}$
3	0	8	10	3	$4\frac{3}{8}$	9	$11\frac{3}{4}-\frac{1}{16}$	3	$8\frac{3}{4}$	11	$1\frac{1}{2}$
3	$0\frac{1}{8}$	8	$10\frac{3}{8}$	3	$4\frac{1}{2}$	10	$0\frac{1}{8}-\frac{1}{16}$	3	$8\frac{7}{8}$	11	$1\frac{7}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	9	11	$2\frac{1}{4}-\frac{1}{16}$	4	$1\frac{3}{8}$	12	$4\frac{1}{16}$	4	$5\frac{3}{4}$	13	$5\frac{3}{4}-\frac{1}{16}$
3	$9\frac{1}{8}$	11	$2\frac{5}{8}-\frac{1}{16}$	4	$1\frac{1}{2}$	12	$4\frac{3}{8}-\frac{1}{16}$	4	$5\frac{7}{8}$	13	$6\frac{1}{8}-\frac{1}{16}$
3	$9\frac{1}{4}$	11	$3\frac{1}{16}$	4	$1\frac{5}{8}$	12	$4\frac{3}{4}-\frac{1}{16}$	4	6	13	$6\frac{1}{2}-\frac{1}{16}$
3	$9\frac{3}{8}$	11	$3\frac{1}{2}$	4	$1\frac{3}{4}$	12	$5\frac{1}{8}-\frac{1}{16}$	4	$6\frac{1}{8}$	13	7
3	$9\frac{1}{2}$	11	$3\frac{7}{8}$	4	$1\frac{7}{8}$	12	$5\frac{1}{2}-\frac{1}{16}$	4	$6\frac{1}{4}$	13	$7\frac{3}{8}$
3	$9\frac{5}{8}$	11	$4\frac{1}{4}-\frac{1}{16}$	4	2	12	6	4	$6\frac{3}{8}$	13	$7\frac{3}{4}$
3	$9\frac{3}{4}$	11	$4\frac{5}{8}-\frac{1}{16}$	4	$2\frac{1}{8}$	12	$6\frac{3}{8}$	4	$6\frac{1}{2}$	13	$8\frac{1}{8}$
3	$9\frac{7}{8}$	11	$5\frac{1}{16}$	4	$2\frac{1}{4}$	12	$6\frac{3}{4}-\frac{1}{16}$	4	$6\frac{5}{8}$	13	$8\frac{1}{2}$
3	10	11	$5\frac{3}{8}-\frac{1}{16}$	4	$2\frac{3}{8}$	12	$7\frac{1}{8}-\frac{1}{16}$	4	$6\frac{3}{4}$	13	$8\frac{7}{8}$
3	$10\frac{1}{8}$	11	$5\frac{3}{4}-\frac{1}{16}$	4	$2\frac{1}{2}$	12	$7\frac{1}{2}-\frac{1}{16}$	4	$6\frac{7}{8}$	13	$9\frac{1}{4}-\frac{1}{16}$
3	$10\frac{1}{4}$	11	$6\frac{1}{8}-\frac{1}{16}$	4	$2\frac{5}{8}$	12	8	4	7	13	$9\frac{5}{8}-\frac{1}{16}$
3	$10\frac{3}{8}$	11	$6\frac{1}{2}-\frac{1}{16}$	4	$2\frac{3}{4}$	12	$8\frac{3}{8}$	4	$7\frac{1}{8}$	13	$10\frac{1}{16}$
3	$10\frac{1}{2}$	11	7	4	$2\frac{7}{8}$	12	$8\frac{3}{4}-\frac{1}{16}$	4	$7\frac{1}{4}$	13	$10\frac{1}{2}$
3	$10\frac{5}{8}$	11	$7\frac{3}{8}$	4	3	12	$9\frac{1}{8}-\frac{1}{16}$	4	$7\frac{3}{8}$	13	$10\frac{7}{8}$
3	$10\frac{3}{4}$	11	$7\frac{3}{4}-\frac{1}{16}$	4	$3\frac{1}{8}$	12	$9\frac{1}{2}-\frac{1}{16}$	4	$7\frac{1}{2}$	13	$11\frac{1}{4}-\frac{1}{16}$
3	$10\frac{7}{8}$	11	$8\frac{1}{8}-\frac{1}{16}$	4	$3\frac{1}{4}$	12	$9\frac{7}{8}-\frac{1}{16}$	4	$7\frac{5}{8}$	13	$11\frac{5}{8}-\frac{1}{16}$
3	11	11	$8\frac{1}{2}-\frac{1}{16}$	4	$3\frac{3}{8}$	12	$10\frac{1}{4}-\frac{1}{16}$	4	$7\frac{3}{4}$	14	$0\frac{1}{16}$
3	$11\frac{1}{8}$	11	9	4	$3\frac{1}{2}$	12	$10\frac{5}{8}-\frac{1}{16}$	4	$7\frac{7}{8}$	14	$0\frac{1}{2}$
3	$11\frac{1}{4}$	11	$9\frac{3}{8}$	4	$3\frac{5}{8}$	12	$11\frac{1}{16}$	4	8	14	$0\frac{7}{8}$
3	$11\frac{3}{8}$	11	$9\frac{3}{4}-\frac{1}{16}$	4	$3\frac{3}{4}$	12	$11\frac{1}{2}$	4	$8\frac{1}{8}$	14	$1\frac{1}{4}$
3	$11\frac{1}{2}$	11	$10\frac{1}{8}-\frac{1}{16}$	4	$3\frac{7}{8}$	12	$11\frac{7}{8}$	4	$8\frac{1}{4}$	14	$1\frac{5}{8}$
3	$11\frac{5}{8}$	11	$10\frac{1}{2}-\frac{1}{16}$	4	4	13	$0\frac{1}{4}-\frac{1}{16}$	4	$8\frac{3}{8}$	14	2
3	$11\frac{3}{4}$	11	$10\frac{7}{8}-\frac{1}{16}$	4	$4\frac{1}{8}$	13	$0\frac{5}{8}-\frac{1}{16}$	4	$8\frac{1}{2}$	14	$2\frac{3}{8}$
3	$11\frac{7}{8}$	11	$11\frac{1}{4}-\frac{1}{16}$	4	$4\frac{1}{4}$	13	$1\frac{1}{16}$	4	$8\frac{5}{8}$	14	$2\frac{3}{4}-\frac{1}{16}$
4	0	11	$11\frac{5}{8}-\frac{1}{16}$	4	$4\frac{3}{8}$	13	$1\frac{1}{2}$	4	$8\frac{3}{4}$	14	$3\frac{1}{8}-\frac{1}{16}$
4	$0\frac{1}{8}$	12	$0\frac{1}{16}$	4	$4\frac{1}{2}$	13	$1\frac{7}{8}$	4	$8\frac{7}{8}$	14	$3\frac{1}{2}-\frac{1}{16}$
4	$0\frac{1}{4}$	12	$0\frac{1}{2}$	4	$4\frac{5}{8}$	13	$2\frac{1}{4}-\frac{1}{16}$	4	9	14	4
4	$0\frac{3}{8}$	12	$0\frac{7}{8}$	4	$4\frac{3}{4}$	13	$2\frac{5}{8}-\frac{1}{16}$	4	$9\frac{1}{8}$	14	$4\frac{3}{8}$
4	$0\frac{1}{2}$	12	$1\frac{1}{4}-\frac{1}{16}$	4	$4\frac{7}{8}$	13	$3\frac{1}{16}$	4	$9\frac{1}{4}$	14	$4\frac{3}{4}-\frac{1}{16}$
4	$0\frac{5}{8}$	12	$1\frac{5}{8}-\frac{1}{16}$	4	5	13	$3\frac{3}{8}-\frac{1}{16}$	4	$9\frac{3}{8}$	14	$5\frac{1}{8}-\frac{1}{16}$
4	$0\frac{3}{4}$	12	$2\frac{1}{16}$	4	$5\frac{1}{8}$	13	$3\frac{3}{4}-\frac{1}{16}$	4	$9\frac{1}{2}$	14	$5\frac{1}{2}-\frac{1}{16}$
4	$0\frac{7}{8}$	12	$2\frac{1}{2}$	4	$5\frac{1}{4}$	13	$4\frac{1}{8}-\frac{1}{16}$	4	$9\frac{5}{8}$	14	6
4	1	12	$2\frac{7}{8}$	4	$5\frac{3}{8}$	13	$4\frac{1}{2}-\frac{1}{16}$	4	$9\frac{3}{4}$	14	$6\frac{3}{8}$
4	$1\frac{1}{8}$	12	$3\frac{1}{4}-\frac{1}{16}$	4	$5\frac{1}{2}$	13	5	4	$9\frac{7}{8}$	14	$6\frac{3}{4}$
4	$1\frac{1}{4}$	12	$3\frac{5}{8}-\frac{1}{16}$	4	$5\frac{5}{8}$	13	$5\frac{3}{8}$	4	10	14	$7\frac{1}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In	Ft.	In.	Ft	In.	Ft.	In	Ft.	In.
4	$10\frac{1}{8}$	14	$7\frac{1}{2}$	5	5	16	$5\frac{1}{8}$	6	$1\frac{3}{4}$	18	$8\frac{1}{2}$-$\frac{1}{16}$
4	$10\frac{1}{4}$	14	$7\frac{7}{8}$	5	$5\frac{1}{4}$	16	$5\frac{7}{8}$	6	2	18	$9\frac{3}{8}$
4	$10\frac{3}{8}$	14	$8\frac{1}{4}$-$\frac{1}{16}$	5	$5\frac{1}{2}$	16	$6\frac{3}{8}$-$\frac{1}{16}$	6	$2\frac{1}{4}$	18	$10\frac{1}{8}$-$\frac{1}{16}$
4	$10\frac{1}{2}$	14	$8\frac{3}{8}$-$\frac{1}{16}$	5	$5\frac{3}{4}$	16	$7\frac{1}{2}$	6	$2\frac{1}{2}$	18	11
4	$10\frac{5}{8}$	14	$9\frac{1}{8}$	5	6	16	$8\frac{1}{4}$-$\frac{1}{16}$	6	$2\frac{3}{4}$	18	$11\frac{3}{4}$-$\frac{1}{16}$
4	$10\frac{3}{4}$	14	$9\frac{1}{2}$	5	$6\frac{1}{4}$	16	$9\frac{1}{8}$	6	3	19	$0\frac{1}{2}$-$\frac{1}{16}$
4	$10\frac{7}{8}$	14	$9\frac{7}{8}$	5	$6\frac{1}{2}$	16	$9\frac{7}{8}$	6	$3\frac{1}{4}$	19	$1\frac{1}{4}$-$\frac{1}{16}$
4	11	14	$10\frac{1}{4}$	5	$6\frac{3}{4}$	16	$10\frac{3}{8}$	6	$3\frac{1}{2}$	19	$2\frac{1}{8}$
4	$11\frac{1}{8}$	14	$10\frac{5}{8}$-$\frac{1}{16}$	5	7	16	$11\frac{3}{8}$	6	$3\frac{3}{4}$	19	$2\frac{7}{8}$
4	$11\frac{1}{4}$	14	$11\frac{1}{8}$	5	$7\frac{1}{4}$	17	$0\frac{1}{8}$-$\frac{1}{16}$	6	4	19	$3\frac{5}{8}$-$\frac{1}{16}$
4	$11\frac{3}{8}$	14	$11\frac{1}{2}$	5	$7\frac{1}{2}$	17	1	6	$4\frac{1}{4}$	19	$4\frac{1}{2}$
4	$11\frac{1}{2}$	14	$11\frac{7}{8}$	5	$7\frac{3}{4}$	17	$1\frac{3}{4}$-$\frac{1}{16}$	6	$4\frac{1}{2}$	19	$5\frac{1}{4}$-$\frac{1}{16}$
4	$11\frac{5}{8}$	15	$0\frac{1}{4}$	5	8	17	$2\frac{1}{2}$-$\frac{1}{16}$	6	$4\frac{3}{4}$	19	$6\frac{1}{16}$
4	$11\frac{3}{4}$	15	$0\frac{5}{8}$	5	$8\frac{1}{4}$	17	$3\frac{3}{8}$	6	5	19	$6\frac{3}{4}$-$\frac{1}{16}$
4	$11\frac{7}{8}$	15	1	5	$8\frac{1}{2}$	17	$4\frac{1}{8}$	6	$5\frac{1}{4}$	19	$7\frac{1}{2}$-$\frac{1}{16}$
5	0	15	$1\frac{3}{8}$	5	$8\frac{3}{4}$	17	$4\frac{7}{8}$	6	$5\frac{1}{2}$	19	$8\frac{5}{8}$
5	$0\frac{1}{4}$	15	$2\frac{1}{8}$-$\frac{1}{16}$	5	9	17	$5\frac{5}{8}$-$\frac{1}{16}$	6	$5\frac{3}{4}$	19	$9\frac{1}{8}$-$\frac{1}{16}$
5	$0\frac{1}{2}$	15	3	5	$9\frac{1}{4}$	17	$6\frac{1}{2}$	6	6	19	10
5	$0\frac{3}{4}$	15	$3\frac{3}{4}$-$\frac{1}{16}$	5	$9\frac{1}{2}$	17	$7\frac{1}{4}$	6	$6\frac{1}{4}$	19	$10\frac{3}{4}$-$\frac{1}{16}$
5	1	15	$4\frac{1}{2}$-$\frac{1}{16}$	5	$9\frac{3}{4}$	17	$8\frac{1}{8}$	6	$6\frac{1}{2}$	19	$11\frac{1}{2}$-$\frac{1}{16}$
5	$1\frac{1}{4}$	15	$5\frac{3}{8}$	5	10	17	$8\frac{7}{8}$	6	$6\frac{3}{4}$	20	$0\frac{1}{4}$-$\frac{1}{16}$
5	$1\frac{1}{2}$	15	$6\frac{1}{8}$	5	$10\frac{1}{4}$	17	$9\frac{5}{8}$	6	7	20	$1\frac{1}{8}$
5	$1\frac{3}{4}$	15	$6\frac{7}{8}$	5	$10\frac{1}{2}$	17	$10\frac{3}{8}$	6	$7\frac{1}{4}$	20	$1\frac{7}{8}$
5	2	15	$7\frac{5}{8}$-$\frac{1}{16}$	5	$10\frac{3}{4}$	17	$11\frac{1}{8}$-$\frac{1}{16}$	6	$7\frac{1}{2}$	20	$2\frac{5}{8}$-$\frac{1}{16}$
5	$2\frac{1}{4}$	15	$8\frac{1}{2}$	5	11	18	0	6	$7\frac{3}{4}$	20	$3\frac{1}{2}$
5	$2\frac{1}{2}$	15	$9\frac{1}{4}$-$\frac{1}{16}$	5	$11\frac{1}{4}$	18	$0\frac{3}{4}$-$\frac{1}{16}$	6	8	20	$4\frac{1}{4}$-$\frac{1}{16}$
5	$2\frac{3}{4}$	15	$10\frac{1}{16}$	5	$11\frac{1}{2}$	18	$1\frac{1}{2}$-$\frac{1}{16}$	6	$8\frac{1}{4}$	20	$5\frac{1}{16}$
5	3	15	$10\frac{7}{8}$	5	$11\frac{3}{4}$	18	$2\frac{1}{4}$-$\frac{1}{16}$	6	$8\frac{1}{2}$	20	$5\frac{3}{4}$-$\frac{1}{16}$
5	$3\frac{1}{4}$	15	$11\frac{5}{8}$	6	0	18	$3\frac{1}{8}$	6	$8\frac{3}{4}$	20	$6\frac{1}{2}$-$\frac{1}{16}$
5	$3\frac{1}{2}$	16	$0\frac{3}{8}$	6	$0\frac{1}{4}$	18	$3\frac{7}{8}$	6	9	20	$7\frac{3}{8}$
5	$3\frac{3}{4}$	16	$0\frac{1}{8}$-$\frac{1}{16}$	6	$0\frac{1}{2}$	18	$4\frac{5}{8}$-$\frac{1}{16}$	6	$9\frac{1}{4}$	20	$8\frac{1}{8}$-$\frac{1}{16}$
5	4	16	2	6	$0\frac{3}{4}$	18	$5\frac{1}{2}$	6	$9\frac{1}{2}$	20	9
5	$4\frac{1}{4}$	16	$2\frac{3}{4}$-$\frac{1}{16}$	6	1	18	$6\frac{1}{4}$-$\frac{1}{16}$	6	$9\frac{3}{4}$	20	$9\frac{3}{4}$
5	$4\frac{1}{2}$	16	$3\frac{1}{2}$-$\frac{1}{16}$	6	$1\frac{1}{4}$	18	$7\frac{1}{16}$	6	10	20	$10\frac{1}{2}$
5	$4\frac{3}{4}$	16	$4\frac{3}{8}$	6	$1\frac{1}{2}$	18	$7\frac{3}{4}$-$\frac{1}{16}$	6	$10\frac{1}{4}$	20	$11\frac{1}{4}$-$\frac{1}{16}$

Diagonal Measurement at the Root, $1\frac{1}{8}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
6	$10\frac{1}{2}$	21	$0\frac{1}{8}$	7	$7\frac{1}{4}$	23	$3\frac{1}{2}-\frac{1}{16}$	8	4	25	$7\frac{1}{8}$
6	$10\frac{3}{4}$	21	$0\frac{7}{8}$	7	$7\frac{1}{2}$	23	$4\frac{3}{8}$	8	$4\frac{1}{4}$	25	$7\frac{7}{8}$
6	11	21	$1\frac{5}{8}-\frac{1}{16}$	7	$7\frac{3}{4}$	23	$5\frac{1}{8}-\frac{1}{16}$	8	$4\frac{1}{2}$	25	$8\frac{5}{8}-\frac{1}{16}$
6	$11\frac{1}{4}$	21	$2\frac{1}{2}$	7	8	23	6	8	$4\frac{3}{4}$	25	$9\frac{3}{8}-\frac{1}{16}$
6	$11\frac{1}{2}$	21	$3\frac{1}{4}$	7	$8\frac{1}{4}$	23	$6\frac{3}{4}$	8	5	25	$10\frac{1}{8}-\frac{1}{16}$
6	$11\frac{3}{4}$	21	4	7	$8\frac{1}{2}$	23	$7\frac{1}{2}$	8	$5\frac{1}{4}$	25	11
7	0	21	$4\frac{3}{4}-\frac{1}{16}$	7	$8\frac{3}{4}$	23	$8\frac{1}{4}-\frac{1}{16}$	8	$5\frac{1}{2}$	25	$11\frac{3}{4}-\frac{1}{16}$
7	$0\frac{1}{4}$	21	$5\frac{1}{2}-\frac{1}{16}$	7	9	23	$9\frac{1}{16}$	8	$5\frac{3}{4}$	26	$0\frac{1}{2}-\frac{1}{16}$
7	$0\frac{1}{2}$	21	$6\frac{3}{8}$	7	$9\frac{1}{4}$	23	$9\frac{7}{8}$	8	6	26	$1\frac{3}{8}$
7	$0\frac{3}{4}$	21	$7\frac{1}{8}-\frac{1}{16}$	7	$9\frac{1}{2}$	23	$10\frac{5}{8}-\frac{1}{16}$	8	$6\frac{1}{4}$	26	$2\frac{1}{8}-\frac{1}{16}$
7	1	21	8	7	$9\frac{3}{4}$	23	$11\frac{3}{8}-\frac{1}{16}$	8	$6\frac{1}{2}$	26	$2\frac{7}{8}-\frac{1}{16}$
7	$1\frac{1}{4}$	21	$8\frac{3}{4}$	7	10	24	$0\frac{1}{8}-\frac{1}{16}$	8	$6\frac{3}{4}$	26	$3\frac{5}{8}-\frac{1}{16}$
7	$1\frac{1}{2}$	21	$9\frac{1}{2}$	7	$10\frac{1}{4}$	24	1	8	7	26	$4\frac{1}{2}$
7	$1\frac{3}{4}$	21	$10\frac{1}{4}-\frac{1}{16}$	7	$10\frac{1}{2}$	24	$1\frac{3}{4}-\frac{1}{16}$	8	$7\frac{1}{4}$	26	$5\frac{1}{4}-\frac{1}{16}$
7	2	21	$11\frac{1}{8}$	7	$10\frac{3}{4}$	24	$2\frac{1}{2}-\frac{1}{16}$	8	$7\frac{1}{2}$	26	$6\frac{1}{16}$
7	$2\frac{1}{4}$	21	$11\frac{7}{8}$	7	11	24	$3\frac{3}{8}$	8	$7\frac{3}{4}$	26	$6\frac{3}{4}-\frac{1}{16}$
7	$2\frac{1}{2}$	22	$0\frac{5}{8}-\frac{1}{16}$	7	$11\frac{1}{4}$	24	$4\frac{1}{8}-\frac{1}{16}$	8	8	26	$7\frac{5}{8}$
7	$2\frac{3}{4}$	22	$1\frac{1}{2}$	7	$11\frac{1}{2}$	24	5	8	$8\frac{1}{4}$	26	$8\frac{3}{8}-\frac{1}{16}$
7	3	22	$2\frac{1}{4}$	7	$11\frac{3}{4}$	24	$5\frac{3}{4}$	8	$8\frac{1}{2}$	26	$9\frac{1}{8}-\frac{1}{16}$
7	$3\frac{1}{4}$	22	3	8	0	24	$6\frac{1}{2}$	8	$8\frac{3}{4}$	26	10
7	$3\frac{1}{2}$	22	$3\frac{3}{4}\ \frac{1}{16}$	8	$0\frac{1}{4}$	24	$7\frac{1}{4}-\frac{1}{16}$	8	9	26	$10\frac{3}{4}$
7	$3\frac{3}{4}$	22	$4\frac{1}{2}-\frac{1}{16}$	8	$0\frac{1}{2}$	24	$8\frac{1}{8}$	8	$9\frac{1}{4}$	26	$11\frac{1}{2}\ \frac{1}{16}$
7	4	22	$5\frac{3}{8}$	8	$0\frac{3}{4}$	24	$8\frac{7}{8}$	8	$9\frac{1}{2}$	27	$0\frac{1}{4}-\frac{1}{16}$
7	$4\frac{1}{4}$	22	$6\frac{1}{8}-\frac{1}{16}$	8	1	24	$9\frac{5}{8}-\frac{1}{16}$	8	$9\frac{3}{4}$	27	$1\frac{1}{16}$
7	$4\frac{1}{2}$	22	7	8	$1\frac{1}{4}$	24	$10\frac{3}{8}-\frac{1}{16}$	8	10	27	$1\frac{7}{8}-\frac{1}{16}$
7	$4\frac{3}{4}$	22	$7\frac{3}{4}$	8	$1\frac{1}{2}$	24	$11\frac{1}{8}-\frac{1}{16}$	8	$10\frac{1}{4}$	27	$2\frac{5}{8}-\frac{1}{16}$
7	5	22	$8\frac{1}{2}$	8	$1\frac{3}{4}$	25	0	8	$10\frac{1}{2}$	27	$3\frac{1}{2}$
7	$5\frac{1}{4}$	22	$9\frac{1}{4}-\frac{1}{16}$	8	2	25	$0\frac{3}{4}-\frac{1}{16}$	8	$10\frac{3}{4}$	27	$4\frac{1}{4}$
7	$5\frac{1}{2}$	22	$10\frac{1}{8}$	8	$2\frac{1}{4}$	25	$1\frac{1}{2}-\frac{1}{16}$	8	11	27	$5\frac{1}{16}$
7	$5\frac{3}{4}$	22	$10\frac{7}{8}$	8	$2\frac{1}{2}$	25	$2\frac{3}{8}$	8	$11\frac{1}{4}$	27	$5\frac{3}{4}-\frac{1}{16}$
7	6	22	$11\frac{5}{8}-\frac{1}{16}$	8	$2\frac{3}{4}$	25	$3\frac{1}{8}-\frac{1}{16}$	8	$11\frac{1}{2}$	27	$6\frac{5}{8}$
7	$6\frac{1}{4}$	23	$0\frac{1}{2}$	8	3	25	$3\frac{7}{8}-\frac{1}{16}$	8	$11\frac{3}{4}$	27	$7\frac{3}{8}-\frac{1}{16}$
7	$6\frac{1}{2}$	23	$1\frac{1}{4}$	8	$3\frac{1}{4}$	25	$4\frac{5}{8}-\frac{1}{16}$	9	0	27	$8\frac{1}{8}-\frac{1}{16}$
7	$6\frac{3}{4}$	23	2	8	$3\frac{1}{2}$	25	$5\frac{1}{2}$	9	$0\frac{1}{4}$	27	9
7	7	23	$2\frac{3}{4}-\frac{1}{16}$	8	$3\frac{3}{4}$	25	$6\frac{1}{4}-\frac{1}{16}$	9	$0\frac{1}{2}$	27	$9\frac{3}{4}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
9	$0\frac{3}{4}$	27	$10\frac{1}{2}$	9	$9\frac{1}{2}$	30	2	10	$6\frac{1}{4}$	32	$5\frac{1}{2}$
9	1	27	$11\frac{1}{4}-\frac{1}{16}$	9	$9\frac{3}{4}$	30	$2\frac{3}{4}-\frac{1}{16}$	10	$6\frac{1}{2}$	32	$6\frac{1}{4}-\frac{1}{16}$
9	$1\frac{1}{4}$	28	$0\frac{1}{8}$	9	10	30	$3\frac{5}{8}$	10	$6\frac{3}{4}$	32	$7\frac{1}{8}$
9	$1\frac{1}{2}$	28	$0\frac{7}{8}$	9	$10\frac{1}{4}$	30	$4\frac{3}{8}$	10	7	32	$7\frac{7}{8}$
9	$1\frac{3}{4}$	28	$1\frac{5}{8}-\frac{1}{16}$	9	$10\frac{1}{2}$	30	$5\frac{1}{8}-\frac{1}{16}$	10	$7\frac{1}{4}$	32	$8\frac{5}{8}-\frac{1}{16}$
9	2	28	$2\frac{1}{2}$	9	$10\frac{3}{4}$	30	6	10	$7\frac{1}{2}$	32	$9\frac{3}{8}-\frac{1}{16}$
9	$2\frac{1}{4}$	28	$3\frac{1}{4}$	9	11	30	$6\frac{3}{4}$	10	$7\frac{3}{4}$	32	$10\frac{1}{4}$
9	$2\frac{1}{2}$	28	4	9	$11\frac{1}{4}$	30	$7\frac{1}{2}$	10	8	32	11
9	$2\frac{3}{4}$	28	$4\frac{7}{8}$	9	$11\frac{1}{2}$	30	$8\frac{1}{4}-\frac{1}{16}$	10	$8\frac{1}{4}$	32	$11\frac{3}{4}-\frac{1}{16}$
9	3	28	$5\frac{5}{8}$	9	$11\frac{3}{4}$	30	$9\frac{1}{8}$	10	$8\frac{1}{2}$	33	$0\frac{5}{8}$
9	$3\frac{1}{4}$	28	$6\frac{3}{8}$	10	0	30	$9\frac{7}{8}$	10	$8\frac{3}{4}$	33	$1\frac{3}{8}$
9	$3\frac{1}{2}$	28	$7\frac{1}{8}-\frac{1}{16}$	10	$0\frac{1}{4}$	30	$10\frac{5}{8}-\frac{1}{16}$	10	9	33	$2\frac{1}{8}-\frac{1}{16}$
9	$3\frac{3}{4}$	28	8	10	$0\frac{1}{2}$	30	$11\frac{3}{8}-\frac{1}{16}$	10	$9\frac{1}{4}$	33	3
9	4	28	$8\frac{3}{4}$	10	$0\frac{3}{4}$	31	$0\frac{1}{4}$	10	$9\frac{1}{2}$	33	$3\frac{3}{4}$
9	$4\frac{1}{4}$	28	$9\frac{1}{2}$	10	1	31	1	10	$9\frac{3}{4}$	33	$4\frac{1}{2}$
9	$4\frac{1}{2}$	28	$10\frac{1}{4}-\frac{1}{16}$	10	$1\frac{1}{4}$	31	$1\frac{3}{4}-\frac{1}{16}$	10	10	33	$5\frac{1}{4}-\frac{1}{16}$
9	$4\frac{3}{4}$	28	$11\frac{1}{8}$	10	$1\frac{1}{2}$	31	$2\frac{5}{8}$	10	$10\frac{1}{4}$	33	$6\frac{1}{16}$
9	5	28	$11\frac{7}{8}$	10	$1\frac{3}{4}$	31	$3\frac{3}{8}$	10	$10\frac{1}{2}$	33	$6\frac{7}{8}$
9	$5\frac{1}{4}$	29	$0\frac{5}{8}-\frac{1}{16}$	10	2	31	$4\frac{1}{8}$	10	$10\frac{3}{4}$	33	$7\frac{5}{8}-\frac{1}{16}$
9	$5\frac{1}{2}$	29	$1\frac{1}{2}$	10	$2\frac{1}{4}$	31	5	10	11	33	$8\frac{3}{8}-\frac{1}{16}$
9	$5\frac{3}{4}$	29	$2\frac{1}{4}$	10	$2\frac{1}{2}$	31	$5\frac{3}{4}$	10	$11\frac{1}{4}$	33	$9\frac{1}{4}$
9	6	29	3	10	$2\frac{3}{4}$	31	$6\frac{1}{2}$	10	$11\frac{1}{2}$	33	10
9	$6\frac{1}{4}$	29	$3\frac{3}{4}-\frac{1}{16}$	10	3	31	$7\frac{1}{4}-\frac{1}{16}$	10	$11\frac{3}{4}$	33	$10\frac{3}{4}-\frac{1}{16}$
9	$6\frac{1}{2}$	29	$4\frac{5}{8}$	10	$3\frac{1}{4}$	31	$8\frac{1}{8}$	11	0	33	$11\frac{1}{2}-\frac{1}{16}$
9	$6\frac{3}{4}$	29	$5\frac{3}{8}$	10	$3\frac{1}{2}$	31	$8\frac{7}{8}$	11	$0\frac{1}{4}$	34	$0\frac{3}{8}$
9	7	29	$6\frac{1}{8}-\frac{1}{16}$	10	$3\frac{3}{4}$	31	$9\frac{5}{8}-\frac{1}{16}$	11	$0\frac{1}{2}$	34	$1\frac{1}{8}-\frac{1}{16}$
9	$7\frac{1}{4}$	29	7	10	4	31	$10\frac{3}{8}-\frac{1}{16}$	11	$0\frac{3}{4}$	34	$1\frac{7}{8}-\frac{1}{16}$
9	$7\frac{1}{2}$	29	$7\frac{3}{4}$	10	$4\frac{1}{4}$	31	$11\frac{1}{4}$	11	1	34	$2\frac{3}{4}$
9	$7\frac{3}{4}$	29	$8\frac{1}{2}-\frac{1}{16}$	10	$4\frac{1}{2}$	32	0	11	$1\frac{1}{4}$	34	$3\frac{1}{2}$
9	8	29	$9\frac{1}{4}-\frac{1}{16}$	10	$4\frac{3}{4}$	32	$0\frac{3}{4}-\frac{1}{16}$	11	$1\frac{1}{2}$	34	$4\frac{1}{4}-\frac{1}{16}$
9	$8\frac{1}{4}$	29	$10\frac{1}{8}$	10	5	32	$1\frac{5}{8}$	11	$1\frac{3}{4}$	34	$5\frac{1}{16}$
9	$8\frac{1}{2}$	29	$10\frac{7}{8}$	10	$5\frac{1}{4}$	32	$2\frac{3}{8}$	11	2	34	$5\frac{7}{8}$
9	$8\frac{3}{4}$	29	$11\frac{5}{8}$	10	$5\frac{1}{2}$	32	$3\frac{1}{8}-\frac{1}{16}$	11	$2\frac{1}{4}$	34	$6\frac{5}{8}-\frac{1}{16}$
9	9	30	$0\frac{3}{8}-\frac{1}{16}$	10	$5\frac{3}{4}$	32	$3\frac{7}{8}$	11	$2\frac{1}{2}$	34	$7\frac{3}{8}-\frac{1}{16}$
9	$9\frac{1}{4}$	30	$1\frac{1}{4}$	10	6	32	$4\frac{3}{4}$	11	$2\frac{3}{4}$	34	$8\frac{1}{4}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
11	3	34	9	11	$10\frac{1}{4}$	36	$7\frac{3}{4}-\frac{1}{16}$	12	$5\frac{1}{2}$	38	$6\frac{5}{8}$
11	$3\frac{1}{4}$	34	$9\frac{3}{4}-\frac{1}{16}$	11	$10\frac{1}{2}$	36	$8\frac{1}{2}-\frac{1}{16}$	12	$5\frac{3}{4}$	38	$7\frac{3}{8}$
11	$3\frac{1}{2}$	34	$10\frac{1}{2}-\frac{1}{16}$	11	$10\frac{3}{4}$	36	$9\frac{3}{8}$	12	6	38	$8\frac{1}{8}$
11	$3\frac{3}{4}$	34	$11\frac{3}{8}$	11	11	36	$10\frac{1}{8}$	12	$6\frac{1}{4}$	38	$8\frac{7}{8}-\frac{1}{16}$
11	4	35	$0\frac{1}{8}$	11	$11\frac{1}{4}$	36	$10\frac{7}{8}-\frac{1}{16}$	12	$6\frac{1}{2}$	38	$9\frac{3}{4}$
11	$4\frac{1}{4}$	35	$0\frac{7}{8}-\frac{1}{16}$	11	$11\frac{1}{2}$	36	$11\frac{3}{4}$	12	$6\frac{3}{4}$	38	$10\frac{1}{2}$
11	$4\frac{1}{2}$	35	$1\frac{3}{4}$	11	$11\frac{3}{4}$	37	$0\frac{1}{2}$	12	7	38	$11\frac{1}{4}$
11	$4\frac{3}{4}$	35	$2\frac{1}{2}$	12	0	37	$1\frac{1}{4}-\frac{1}{16}$	12	$7\frac{1}{4}$	39	$0\frac{1}{16}$
11	5	35	$3\frac{1}{4}-\frac{1}{16}$	12	$0\frac{1}{4}$	37	$2\frac{1}{16}$	12	$7\frac{1}{2}$	39	$0\frac{7}{8}$
11	$5\frac{1}{4}$	35	$4\frac{1}{16}$	12	$0\frac{1}{2}$	37	$2\frac{1}{2}$	12	$7\frac{3}{4}$	39	$1\frac{5}{8}$
11	$5\frac{1}{2}$	35	$4\frac{7}{8}$	12	$0\frac{3}{4}$	37	$3\frac{5}{8}$	12	8	39	$2\frac{3}{8}-\frac{1}{16}$
11	$5\frac{3}{4}$	35	$5\frac{5}{8}$	12	1	37	$4\frac{3}{8}-\frac{1}{16}$	12	$8\frac{1}{4}$	39	$3\frac{1}{4}$
11	6	35	$6\frac{3}{8}-\frac{1}{16}$	12	$1\frac{1}{4}$	37	$5\frac{1}{4}$	12	$8\frac{1}{2}$	39	4
11	$6\frac{1}{4}$	35	$7\frac{1}{4}$	12	$1\frac{1}{2}$	37	6	12	$8\frac{3}{4}$	39	$4\frac{3}{4}-\frac{1}{16}$
11	$6\frac{1}{2}$	35	8	12	$1\frac{3}{4}$	37	$6\frac{3}{4}$	12	9	39	$5\frac{1}{2}-\frac{1}{16}$
11	$6\frac{3}{4}$	35	$8\frac{3}{4}-\frac{1}{16}$	12	2	37	$7\frac{1}{2}-\frac{1}{16}$	12	$9\frac{1}{4}$	39	$6\frac{3}{8}$
11	7	35	$9\frac{1}{2}-\frac{1}{16}$	12	$2\frac{1}{4}$	37	$8\frac{3}{8}$	12	$9\frac{1}{2}$	39	$7\frac{1}{8}$
11	$7\frac{1}{4}$	35	$10\frac{3}{8}$	12	$2\frac{1}{2}$	37	$9\frac{1}{8}$	12	$9\frac{3}{4}$	39	$7\frac{7}{8}-\frac{1}{16}$
11	$7\frac{1}{2}$	35	$11\frac{1}{8}$	12	$2\frac{3}{4}$	37	$9\frac{7}{8}$	12	10	39	$8\frac{5}{8}-\frac{1}{16}$
11	$7\frac{3}{4}$	35	$11\frac{7}{8}-\frac{1}{16}$	12	3	37	$10\frac{3}{4}$	12	$10\frac{1}{4}$	39	$9\frac{1}{2}$
11	8	36	$0\frac{5}{8}-\frac{1}{16}$	12	$3\frac{1}{4}$	37	$11\frac{1}{2}$	12	$10\frac{1}{2}$	39	$10\frac{1}{4}-\frac{1}{16}$
11	$8\frac{1}{4}$	36	$1\frac{1}{2}$	12	$3\frac{1}{2}$	38	$0\frac{1}{4}-\frac{1}{16}$	12	$10\frac{3}{4}$	39	$11\frac{1}{16}$
11	$8\frac{1}{2}$	36	$2\frac{1}{4}-\frac{1}{16}$	12	$3\frac{3}{4}$	38	$1\frac{1}{8}$	12	11	39	$11\frac{3}{4}-\frac{1}{16}$
11	$8\frac{3}{4}$	36	$3\frac{1}{16}$	12	4	38	$1\frac{7}{8}$	12	$11\frac{1}{4}$	40	$0\frac{5}{8}$
11	9	36	$3\frac{7}{8}$	12	$4\frac{1}{4}$	38	$2\frac{5}{8}$	12	$11\frac{1}{2}$	40	$1\frac{3}{8}-\frac{1}{16}$
11	$9\frac{1}{4}$	36	$4\frac{5}{8}$	12	$4\frac{1}{2}$	38	$3\frac{3}{8}$	12	$11\frac{3}{4}$	40	$2\frac{1}{8}-\frac{1}{16}$
11	$9\frac{1}{2}$	36	$5\frac{3}{8}-\frac{1}{16}$	12	$4\frac{3}{4}$	38	$4\frac{1}{8}-\frac{1}{16}$	13	0	40	$2\frac{7}{8}-\frac{1}{16}$
11	$9\frac{3}{4}$	36	$6\frac{1}{4}$	12	5	38	5				
11	10	36	7	12	$5\frac{1}{4}$	38	$5\frac{3}{4}-\frac{1}{16}$				

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	0	2	$5\frac{3}{4}-\frac{1}{16}$	1	$8\frac{3}{4}$	4	$9\frac{1}{4}-\frac{1}{16}$	2	$5\frac{1}{2}$	7	$0\frac{3}{4}-\frac{1}{16}$
1	$0\frac{1}{4}$	2	$6\frac{5}{8}$	1	9	4	$10\frac{1}{16}$	2	$5\frac{3}{4}$	7	$1\frac{1}{2}-\frac{1}{16}$
1	$0\frac{1}{2}$	2	$7\frac{3}{8}$	1	$9\frac{1}{4}$	4	$10\frac{7}{8}$	2	6	7	$2\frac{3}{8}$
1	$0\frac{3}{4}$	2	$8\frac{1}{8}-\frac{1}{16}$	1	$9\frac{1}{2}$	4	$11\frac{5}{8}-\frac{1}{16}$	2	$6\frac{1}{4}$	7	$3\frac{1}{8}$
1	1	2	$8\frac{7}{8}-\frac{1}{16}$	1	$9\frac{3}{4}$	5	$0\frac{3}{8}-\frac{1}{16}$	2	$6\frac{1}{2}$	7	$3\frac{7}{8}-\frac{1}{16}$
1	$1\frac{1}{4}$	2	$9\frac{3}{4}$	1	10	5	$1\frac{1}{4}$	2	$6\frac{3}{4}$	7	$4\frac{3}{4}$
1	$1\frac{1}{2}$	2	$10\frac{1}{2}-\frac{1}{16}$	1	$10\frac{1}{4}$	5	2	2	7	7	$5\frac{1}{2}$
1	$1\frac{3}{4}$	2	$11\frac{1}{4}-\frac{1}{16}$	1	$10\frac{1}{2}$	5	$2\frac{3}{4}-\frac{1}{16}$	2	$7\frac{1}{4}$	7	$6\frac{1}{4}-\frac{1}{16}$
1	2	3	$0\frac{1}{16}$	1	$10\frac{3}{4}$	5	$3\frac{1}{2}-\frac{1}{16}$	2	$7\frac{1}{2}$	7	$7\frac{1}{16}$
1	$2\frac{1}{4}$	3	$0\frac{7}{8}$	1	11	5	$4\frac{3}{8}$	2	$7\frac{3}{4}$	7	$7\frac{7}{8}$
1	$2\frac{1}{2}$	3	$1\frac{5}{8}-\frac{1}{16}$	1	$11\frac{1}{4}$	5	$5\frac{1}{8}-\frac{1}{16}$	2	8	7	$8\frac{5}{8}$
1	$2\frac{3}{4}$	3	$2\frac{3}{8}-\frac{1}{16}$	1	$11\frac{1}{2}$	5	$5\frac{7}{8}-\frac{1}{16}$	2	$8\frac{1}{4}$	7	$9\frac{3}{8}-\frac{1}{16}$
1	3	3	$3\frac{1}{4}$	1	$11\frac{3}{4}$	5	$6\frac{3}{4}$	2	$8\frac{1}{2}$	7	$10\frac{1}{4}$
1	$3\frac{1}{4}$	3	$4\frac{1}{16}$	2	0	5	$7\frac{1}{2}$	2	$8\frac{3}{4}$	7	11
1	$3\frac{1}{2}$	3	$4\frac{3}{4}-\frac{1}{16}$	2	$0\frac{1}{4}$	5	$8\frac{1}{4}-\frac{1}{16}$	2	9	7	$11\frac{3}{4}-\frac{1}{16}$
1	$3\frac{3}{4}$	3	$5\frac{1}{2}-\frac{1}{16}$	2	$0\frac{1}{2}$	5	$9\frac{1}{16}$	2	$9\frac{1}{4}$	8	$0\frac{1}{2}-\frac{1}{16}$
1	4	3	$6\frac{3}{8}$	2	$0\frac{3}{4}$	5	$9\frac{7}{8}$	2	$9\frac{1}{2}$	8	$1\frac{3}{8}$
1	$4\frac{1}{4}$	3	$7\frac{1}{8}-\frac{1}{16}$	2	1	5	$10\frac{5}{8}$	2	$9\frac{3}{4}$	8	$2\frac{1}{8}-\frac{1}{16}$
1	$4\frac{1}{2}$	3	$7\frac{7}{8}-\frac{1}{16}$	2	$1\frac{1}{4}$	5	$11\frac{3}{8}-\frac{1}{16}$	2	10	8	3
1	$4\frac{3}{4}$	3	$8\frac{3}{4}$	2	$1\frac{1}{2}$	6	$0\frac{1}{4}$	2	$10\frac{1}{4}$	8	$3\frac{3}{4}$
1	5	3	$9\frac{1}{2}-\frac{1}{16}$	2	$1\frac{3}{4}$	6	1	2	$10\frac{1}{2}$	8	$4\frac{1}{2}$
1	$5\frac{1}{4}$	3	$10\frac{1}{4}-\frac{1}{16}$	2	2	6	$1\frac{3}{4}-\frac{1}{16}$	2	$10\frac{3}{4}$	8	$5\frac{1}{4}-\frac{1}{16}$
1	$5\frac{1}{2}$	3	$11\frac{1}{16}$	2	$2\frac{1}{4}$	6	$2\frac{1}{2}-\frac{1}{16}$	2	11	8	$6\frac{1}{16}$
1	$5\frac{3}{4}$	3	$11\frac{7}{8}$	2	$2\frac{1}{2}$	6	$3\frac{3}{8}$	2	$11\frac{1}{4}$	8	$6\frac{7}{8}$
1	6	4	$0\frac{5}{8}-\frac{1}{16}$	2	$2\frac{3}{4}$	6	$4\frac{1}{8}$	2	$11\frac{1}{2}$	8	$7\frac{5}{8}-\frac{1}{16}$
1	$6\frac{1}{4}$	4	$1\frac{3}{8}-\frac{1}{16}$	2	3	6	$4\frac{7}{8}-\frac{1}{16}$	2	$11\frac{3}{4}$	8	$8\frac{1}{2}$
1	$6\frac{1}{2}$	4	$2\frac{1}{4}$	2	$3\frac{1}{4}$	6	$5\frac{3}{4}$	3	0	8	$9\frac{1}{4}$
1	$6\frac{3}{4}$	4	$3\frac{1}{16}$	2	$3\frac{1}{2}$	6	$6\frac{1}{2}$	3	$0\frac{1}{4}$	8	10
1	7	4	$3\frac{3}{4}-\frac{1}{16}$	2	$3\frac{3}{4}$	6	$7\frac{1}{4}-\frac{1}{16}$	3	$0\frac{1}{2}$	8	$10\frac{3}{4}-\frac{1}{16}$
1	$7\frac{1}{4}$	4	$4\frac{1}{2}-\frac{1}{16}$	2	4	6	$8\frac{1}{8}$	3	$0\frac{3}{4}$	8	$11\frac{5}{8}$
1	$7\frac{1}{2}$	4	$5\frac{3}{8}$	2	$4\frac{1}{4}$	6	$8\frac{7}{8}$	3	1	9	$0\frac{3}{8}$
1	$7\frac{3}{4}$	4	$6\frac{1}{8}-\frac{1}{16}$	2	$4\frac{1}{2}$	6	$9\frac{5}{8}-\frac{1}{16}$	3	$1\frac{1}{4}$	9	$1\frac{1}{8}-\frac{1}{16}$
1	8	4	$6\frac{7}{8}-\frac{1}{16}$	2	$4\frac{3}{4}$	6	$10\frac{3}{8}-\frac{1}{16}$	3	$1\frac{1}{2}$	9	2
1	$8\frac{1}{4}$	4	$7\frac{3}{4}$	2	5	6	$11\frac{1}{4}$	3	$1\frac{3}{4}$	9	$2\frac{3}{4}$
1	$8\frac{1}{2}$	4	$8\frac{1}{2}$	2	$5\frac{1}{4}$	7	0	3	2	9	$3\frac{1}{2}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	$2\frac{1}{4}$	9	$4\frac{1}{4}-\frac{1}{16}$	3	11	11	$7\frac{3}{4}-\frac{1}{16}$	4	$7\frac{3}{4}$	13	$11\frac{1}{4}-\frac{1}{16}$
3	$2\frac{1}{2}$	9	$5\frac{1}{16}$	3	$11\frac{1}{4}$	11	$8\frac{1}{2}-\frac{1}{16}$	4	8	14	$0\frac{1}{16}$
3	$2\frac{3}{4}$	9	$5\frac{7}{8}$	3	$11\frac{1}{2}$	11	$9\frac{3}{8}$	4	$8\frac{1}{4}$	14	$0\frac{7}{8}$
3	3	9	$6\frac{5}{8}-\frac{1}{16}$	3	$11\frac{3}{4}$	11	$10\frac{1}{8}-\frac{1}{16}$	4	$8\frac{1}{2}$	14	$1\frac{5}{8}$
3	$3\frac{1}{4}$	9	$7\frac{3}{8}-\frac{1}{16}$	4	0	11	$10\frac{7}{8}-\frac{1}{16}$	4	$8\frac{3}{4}$	14	$2\frac{3}{8}$
3	$3\frac{1}{2}$	9	$8\frac{1}{8}-\frac{1}{16}$	4	$0\frac{1}{4}$	11	$11\frac{5}{8}-\frac{1}{16}$	4	9	14	$3\frac{1}{8}-\frac{1}{16}$
3	$3\frac{3}{4}$	9	9	4	$0\frac{1}{2}$	12	$0\frac{1}{2}$	4	$9\frac{1}{4}$	14	4
3	4	9	$9\frac{3}{4}-\frac{1}{16}$	4	$0\frac{3}{4}$	12	$1\frac{1}{4}-\frac{1}{16}$	4	$9\frac{1}{2}$	14	$4\frac{3}{4}-\frac{1}{16}$
3	$4\frac{1}{4}$	9	$10\frac{1}{2}-\frac{1}{16}$	4	1	12	$2\frac{1}{16}$	4	$9\frac{3}{4}$	14	$5\frac{1}{2}-\frac{1}{16}$
3	$4\frac{1}{2}$	9	$11\frac{3}{8}$	4	$1\frac{1}{4}$	12	$2\frac{7}{8}$	4	10	14	$6\frac{3}{8}$
3	$4\frac{3}{4}$	10	$0\frac{1}{8}-\frac{1}{16}$	4	$1\frac{1}{2}$	12	$3\frac{5}{8}-\frac{1}{16}$	4	$10\frac{1}{4}$	14	$7\frac{1}{8}$
3	5	10	1	4	$1\frac{3}{4}$	12	$4\frac{3}{8}-\frac{1}{16}$	4	$10\frac{1}{2}$	14	$7\frac{7}{8}$
3	$5\frac{1}{4}$	10	$1\frac{3}{4}$	4	2	12	$5\frac{1}{8}-\frac{1}{16}$	4	$10\frac{3}{4}$	14	$8\frac{5}{8}-\frac{1}{16}$
3	$5\frac{1}{2}$	10	$2\frac{1}{2}$	4	$2\frac{1}{4}$	12	6	4	11	14	$9\frac{1}{2}$
3	$5\frac{3}{4}$	10	$3\frac{1}{4}-\frac{1}{16}$	4	$2\frac{1}{2}$	12	$6\frac{3}{4}-\frac{1}{16}$	4	$11\frac{1}{4}$	14	$10\frac{1}{4}$
3	6	10	$4\frac{1}{8}$	4	$2\frac{3}{4}$	12	$7\frac{1}{2}-\frac{1}{16}$	4	$11\frac{1}{2}$	14	$11\frac{1}{8}$
3	$6\frac{1}{4}$	10	$4\frac{7}{8}$	4	3	12	$8\frac{3}{8}$	4	$11\frac{3}{4}$	14	$11\frac{7}{8}$
3	$6\frac{1}{2}$	10	$5\frac{5}{8}-\frac{1}{16}$	4	$3\frac{1}{4}$	12	$9\frac{1}{8}-\frac{1}{16}$	5	0	15	$0\frac{5}{8}$
3	$6\frac{3}{4}$	10	$6\frac{3}{8}-\frac{1}{16}$	4	$3\frac{1}{2}$	12	$9\frac{7}{8}-\frac{1}{16}$	5	$0\frac{1}{4}$	15	$1\frac{3}{8}$
3	7	10	$7\frac{1}{8}-\frac{1}{16}$	4	$3\frac{3}{4}$	12	$10\frac{5}{8}-\frac{1}{16}$	5	$0\frac{1}{2}$	15	$2\frac{1}{8}-\frac{1}{16}$
3	$7\frac{1}{4}$	10	8	4	4	12	$11\frac{1}{2}$	5	$0\frac{3}{4}$	15	3
3	$7\frac{1}{2}$	10	$8\frac{3}{4}-\frac{1}{16}$	4	$4\frac{1}{4}$	13	$0\frac{1}{4}-\frac{1}{16}$	5	1	15	$3\frac{3}{4}-\frac{1}{16}$
3	$7\frac{3}{4}$	10	$9\frac{5}{8}$	4	$4\frac{1}{2}$	13	$1\frac{1}{16}$	5	$1\frac{1}{4}$	15	$4\frac{1}{2}-\frac{1}{16}$
3	8	10	$10\frac{3}{8}$	4	$4\frac{3}{4}$	13	$1\frac{7}{8}$	5	$1\frac{1}{2}$	15	$5\frac{3}{8}$
3	$8\frac{1}{4}$	10	$11\frac{1}{8}-\frac{1}{16}$	4	5	13	$2\frac{5}{8}-\frac{1}{16}$	5	$1\frac{3}{4}$	15	$6\frac{1}{8}$
3	$8\frac{1}{2}$	10	$11\frac{7}{8}-\frac{1}{16}$	4	$5\frac{1}{4}$	13	$3\frac{3}{8}-\frac{1}{16}$	5	2	15	$6\frac{7}{8}$
3	$8\frac{3}{4}$	11	$0\frac{5}{8}-\frac{1}{16}$	4	$5\frac{1}{2}$	13	$4\frac{1}{8}-\frac{1}{16}$	5	$2\frac{1}{4}$	15	$7\frac{5}{8}-\frac{1}{16}$
3	9	11	$1\frac{1}{2}$	4	$5\frac{3}{4}$	13	5	5	$2\frac{1}{2}$	15	$8\frac{1}{2}$
3	$9\frac{1}{4}$	11	$2\frac{1}{4}-\frac{1}{16}$	4	6	13	$5\frac{3}{4}-\frac{1}{16}$	5	$2\frac{3}{4}$	15	$9\frac{1}{4}-\frac{1}{16}$
3	$9\frac{1}{2}$	11	$3\frac{1}{16}$	4	$6\frac{1}{4}$	13	$6\frac{1}{2}-\frac{1}{16}$	5	3	15	$10\frac{1}{16}$
3	$9\frac{3}{4}$	11	$3\frac{7}{8}$	4	$6\frac{1}{2}$	13	$7\frac{3}{8}$	5	$3\frac{1}{4}$	15	$10\frac{7}{8}$
3	10	11	$4\frac{5}{8}-\frac{1}{16}$	4	$6\frac{3}{4}$	13	$8\frac{1}{8}$	5	$3\frac{1}{2}$	15	$11\frac{5}{8}$
3	$10\frac{1}{4}$	11	$5\frac{3}{8}-\frac{1}{16}$	4	7	13	$8\frac{7}{8}$	5	$3\frac{3}{4}$	16	$0\frac{3}{8}$
3	$10\frac{1}{2}$	11	$6\frac{1}{8}-\frac{1}{16}$	4	$7\frac{1}{4}$	13	$9\frac{5}{8}-\frac{1}{16}$	5	4	16	$1\frac{1}{8}-\frac{1}{16}$
3	$10\frac{3}{4}$	11	7	4	$7\frac{1}{2}$	13	$10\frac{1}{2}$	5	$4\frac{1}{4}$	16	2

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
5	$4\frac{1}{2}$	16	$2\frac{3}{4}-\frac{1}{16}$	6	$1\frac{1}{4}$	18	$6\frac{1}{4}-\frac{1}{16}$	6	10	20	$9\frac{3}{4}$
5	$4\frac{3}{4}$	16	$3\frac{1}{2}-\frac{1}{16}$	6	$1\frac{1}{2}$	18	$7\frac{1}{16}$	6	$10\frac{1}{4}$	20	$10\frac{1}{2}$
5	5	16	$4\frac{3}{8}$	6	$1\frac{3}{4}$	18	$7\frac{3}{4}-\frac{1}{16}$	6	$10\frac{1}{2}$	20	$11\frac{1}{4}-\frac{1}{16}$
5	$5\frac{1}{4}$	16	$5\frac{1}{8}$	6	2	18	$8\frac{1}{2}-\frac{1}{16}$	6	$10\frac{3}{4}$	21	$0\frac{1}{8}$
5	$5\frac{1}{2}$	16	$5\frac{7}{8}$	6	$2\frac{1}{4}$	18	$9\frac{3}{8}$	6	11	21	$0\frac{7}{8}$
5	$5\frac{3}{4}$	16	$6\frac{5}{8}-\frac{1}{16}$	6	$2\frac{1}{2}$	18	$10\frac{1}{8}-\frac{1}{16}$	6	$11\frac{1}{4}$	21	$1\frac{5}{8}-\frac{1}{16}$
5	6	16	$7\frac{1}{2}$	6	$2\frac{3}{4}$	18	11	6	$11\frac{1}{2}$	21	$2\frac{1}{2}$
5	$6\frac{1}{4}$	16	$8\frac{1}{4}-\frac{1}{16}$	6	3	18	$11\frac{3}{4}-\frac{1}{16}$	6	$11\frac{3}{4}$	21	$3\frac{1}{4}$
5	$6\frac{1}{2}$	16	$9\frac{1}{8}$	6	$3\frac{1}{4}$	19	$0\frac{1}{2}-\frac{1}{16}$	7	0	21	4
5	$6\frac{3}{4}$	16	$9\frac{7}{8}$	6	$3\frac{1}{2}$	19	$1\frac{1}{4}-\frac{1}{16}$	7	$0\frac{1}{4}$	21	$4\frac{3}{4}-\frac{1}{16}$
5	7	16	$10\frac{6}{8}$	6	$3\frac{3}{4}$	19	$2\frac{1}{8}$	7	$0\frac{1}{2}$	21	$5\frac{1}{2}-\frac{1}{16}$
5	$7\frac{1}{4}$	16	$11\frac{3}{8}$	6	4	19	$2\frac{7}{8}$	7	$0\frac{3}{4}$	21	$6\frac{3}{8}$
5	$7\frac{1}{2}$	17	$0\frac{1}{8}-\frac{1}{16}$	6	$4\frac{1}{4}$	19	$3\frac{5}{8}-\frac{1}{16}$	7	1	21	$7\frac{1}{8}-\frac{1}{16}$
5	$7\frac{3}{4}$	17	1	6	$4\frac{1}{2}$	19	$4\frac{1}{2}$	7	$1\frac{1}{4}$	21	8
5	8	17	$1\frac{3}{4}-\frac{1}{16}$	6	$4\frac{3}{4}$	19	$5\frac{1}{4}-\frac{1}{16}$	7	$1\frac{1}{2}$	21	$8\frac{3}{4}$
5	$8\frac{1}{4}$	17	$2\frac{1}{2}-\frac{1}{16}$	6	5	19	$6\frac{1}{16}$	7	$1\frac{3}{4}$	21	$9\frac{1}{2}$
5	$8\frac{1}{2}$	17	$3\frac{3}{8}$	6	$5\frac{1}{4}$	19	$6\frac{3}{4}-\frac{1}{16}$	7	2	21	$10\frac{1}{4}-\frac{1}{16}$
5	$8\frac{3}{4}$	17	$4\frac{1}{8}$	6	$5\frac{1}{2}$	19	$7\frac{1}{2}-\frac{1}{16}$	7	$2\frac{1}{4}$	21	$11\frac{1}{8}$
5	9	17	$4\frac{7}{8}$	6	$5\frac{3}{4}$	19	$8\frac{3}{8}$	7	$2\frac{1}{2}$	21	$11\frac{7}{8}$
5	$9\frac{1}{4}$	17	$5\frac{5}{8}-\frac{1}{16}$	6	6	19	$9\frac{1}{8}-\frac{1}{16}$	7	$2\frac{3}{4}$	22	$0\frac{3}{8}-\frac{1}{16}$
5	$9\frac{1}{2}$	17	$6\frac{1}{2}$	6	$6\frac{1}{4}$	19	10	7	3	22	$1\frac{1}{2}$
5	$9\frac{3}{4}$	17	$7\frac{1}{4}$	6	$6\frac{1}{2}$	19	$10\frac{3}{4}-\frac{1}{16}$	7	$3\frac{1}{4}$	22	$2\frac{1}{4}$
5	10	17	$8\frac{1}{8}$	6	$6\frac{3}{4}$	19	$11\frac{1}{2}-\frac{1}{16}$	7	$3\frac{1}{2}$	22	3
5	$10\frac{1}{4}$	17	$8\frac{7}{8}$	6	7	20	$0\frac{1}{4}-\frac{1}{16}$	7	$3\frac{3}{4}$	22	$3\frac{3}{4}-\frac{1}{16}$
5	$10\frac{1}{2}$	17	$9\frac{5}{8}$	6	$7\frac{1}{4}$	20	$1\frac{1}{8}$	7	4	22	$4\frac{1}{2}-\frac{1}{16}$
5	$10\frac{3}{4}$	17	$10\frac{3}{8}$	6	$7\frac{1}{2}$	20	$1\frac{7}{8}$	7	$4\frac{1}{4}$	22	$5\frac{3}{8}$
5	11	17	$11\frac{1}{8}-\frac{1}{16}$	6	$7\frac{3}{4}$	20	$2\frac{5}{8}-\frac{1}{16}$	7	$4\frac{1}{2}$	22	$6\frac{1}{8}-\frac{1}{16}$
5	$11\frac{1}{4}$	18	0	6	8	20	$3\frac{1}{2}$	7	$4\frac{3}{4}$	22	7
5	$11\frac{1}{2}$	18	$0\frac{3}{4}-\frac{1}{16}$	6	$8\frac{1}{4}$	20	$4\frac{1}{4}-\frac{1}{16}$	7	5	22	$7\frac{3}{4}$
5	$11\frac{3}{4}$	18	$1\frac{1}{2}-\frac{1}{16}$	6	$8\frac{1}{2}$	20	$5\frac{1}{16}$	7	$5\frac{1}{4}$	22	$8\frac{1}{2}$
6	0	18	$2\frac{1}{4}-\frac{1}{16}$	6	$8\frac{3}{4}$	20	$5\frac{3}{4}-\frac{1}{16}$	7	$5\frac{1}{2}$	22	$9\frac{1}{4}-\frac{1}{16}$
6	$0\frac{1}{4}$	18	$3\frac{1}{8}$	6	9	20	$6\frac{1}{2}-\frac{1}{16}$	7	$5\frac{3}{4}$	22	$10\frac{1}{8}$
6	$0\frac{1}{2}$	18	$3\frac{7}{8}$	6	$9\frac{1}{4}$	20	$7\frac{3}{8}$	7	6	22	$10\frac{7}{8}$
6	$0\frac{3}{4}$	18	$4\frac{5}{8}-\frac{1}{16}$	6	$9\frac{1}{2}$	20	$8\frac{1}{8}-\frac{1}{16}$	7	$6\frac{1}{4}$	22	$11\frac{5}{8}-\frac{1}{16}$
6	1	18	$5\frac{1}{2}$	6	$9\frac{3}{4}$	20	9	7	$6\frac{1}{2}$	23	$0\frac{1}{2}$

Diagonal Measurement at the Root, $1\frac{1}{4}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
7	$6\frac{3}{4}$	23	$1\frac{1}{4}$	8	$3\frac{1}{2}$	25	$4\frac{5}{8}-\frac{1}{16}$	9	$0\frac{1}{4}$	27	$8\frac{1}{8}-\frac{1}{16}$
7	7	23	2	8	$3\frac{3}{4}$	25	$5\frac{1}{2}$	9	$0\frac{1}{2}$	27	9
7	$7\frac{1}{4}$	23	$2\frac{3}{4}-\frac{1}{16}$	8	4	25	$6\frac{1}{4}-\frac{1}{16}$	9	$0\frac{3}{4}$	27	$9\frac{3}{4}$
7	$7\frac{1}{2}$	23	$3\frac{1}{2}-\frac{1}{16}$	8	$4\frac{1}{4}$	25	$7\frac{1}{8}$	9	1	27	$10\frac{1}{2}$
7	$7\frac{3}{4}$	23	$4\frac{3}{8}$	8	$4\frac{1}{2}$	25	$7\frac{7}{8}$	9	$1\frac{1}{4}$	27	$11\frac{1}{4}-\frac{1}{16}$
7	8	23	$5\frac{1}{8}-\frac{1}{16}$	8	$4\frac{3}{4}$	25	$8\frac{5}{8}-\frac{1}{16}$	9	$1\frac{1}{2}$	28	$0\frac{1}{8}$
7	$8\frac{1}{4}$	23	6	8	5	25	$9\frac{3}{8}-\frac{1}{16}$	9	$1\frac{3}{4}$	28	$0\frac{7}{8}$
7	$8\frac{1}{2}$	23	$6\frac{3}{4}$	8	$5\frac{1}{4}$	25	$10\frac{1}{8}-\frac{1}{16}$	9	2	28	$1\frac{5}{8}-\frac{1}{16}$
7	$8\frac{3}{4}$	23	$7\frac{1}{2}$	8	$5\frac{1}{2}$	25	11	9	$2\frac{1}{4}$	28	$2\frac{1}{2}$
7	9	23	$8\frac{1}{4}-\frac{1}{16}$	8	$5\frac{3}{4}$	25	$11\frac{3}{4}-\frac{1}{16}$	9	$2\frac{1}{2}$	28	$3\frac{1}{4}$
7	$9\frac{1}{4}$	23	$9\frac{1}{16}$	8	6	26	$0\frac{1}{2}-\frac{1}{16}$	9	$2\frac{3}{4}$	28	4
7	$9\frac{1}{2}$	23	$9\frac{7}{8}$	8	$6\frac{1}{4}$	26	$1\frac{3}{8}$	9	3	28	$4\frac{7}{8}$
7	$9\frac{3}{4}$	23	$10\frac{5}{8}-\frac{1}{16}$	8	$6\frac{1}{2}$	26	$2\frac{1}{8}-\frac{1}{16}$	9	$3\frac{1}{4}$	28	$5\frac{5}{8}$
7	10	23	$11\frac{3}{8}-\frac{1}{16}$	8	$6\frac{3}{4}$	26	$2\frac{7}{8}-\frac{1}{16}$	9	$3\frac{1}{2}$	28	$6\frac{3}{8}$
7	$10\frac{1}{4}$	24	$0\frac{1}{8}-\frac{1}{16}$	8	7	26	$3\frac{5}{8}-\frac{1}{16}$	9	$3\frac{3}{4}$	28	$7\frac{1}{8}-\frac{1}{16}$
7	$10\frac{1}{2}$	24	1	8	$7\frac{1}{4}$	26	$4\frac{1}{2}$	9	4	28	8
7	$10\frac{3}{4}$	24	$1\frac{3}{4}-\frac{1}{16}$	8	$7\frac{1}{2}$	26	$5\frac{1}{4}-\frac{1}{16}$	9	$4\frac{1}{4}$	28	$8\frac{3}{4}$
7	11	24	$2\frac{1}{2}-\frac{1}{16}$	8	$7\frac{3}{4}$	26	$6\frac{1}{16}$	9	$4\frac{1}{2}$	28	$9\frac{1}{2}$
7	$11\frac{1}{4}$	24	$3\frac{3}{8}$	8	8	26	$6\frac{3}{4}-\frac{1}{16}$	9	$4\frac{3}{4}$	28	$10\frac{1}{4}-\frac{1}{16}$
7	$11\frac{1}{2}$	24	$4\frac{1}{8}-\frac{1}{16}$	8	$8\frac{1}{4}$	26	$7\frac{5}{8}$	9	5	28	$11\frac{1}{8}$
7	$11\frac{3}{4}$	24	$5\frac{1}{8}$	8	$8\frac{1}{2}$	26	$8\frac{3}{8}-\frac{1}{16}$	9	$5\frac{1}{4}$	28	$11\frac{7}{8}$
8	0	24	$5\frac{3}{4}$	8	$8\frac{3}{4}$	26	$9\frac{1}{8}-\frac{1}{16}$	9	$5\frac{1}{2}$	29	$0\frac{5}{8}-\frac{1}{16}$
8	$0\frac{1}{4}$	24	$6\frac{1}{2}$	8	9	26	10	9	$5\frac{3}{4}$	29	$1\frac{1}{2}$
8	$0\frac{1}{2}$	24	$7\frac{1}{4}-\frac{1}{16}$	8	$9\frac{1}{4}$	26	$10\frac{3}{4}$	9	6	29	$2\frac{1}{4}$
8	$0\frac{3}{4}$	24	$8\frac{1}{8}$	8	$9\frac{1}{2}$	26	$11\frac{1}{2}-\frac{1}{16}$	9	$6\frac{1}{4}$	29	3
8	1	24	$8\frac{7}{8}$	8	$9\frac{3}{4}$	27	$0\frac{1}{4}-\frac{1}{16}$	9	$6\frac{1}{2}$	29	$3\frac{3}{4}-\frac{1}{16}$
8	$1\frac{1}{4}$	24	$9\frac{5}{8}-\frac{1}{16}$	8	10	27	$1\frac{1}{16}$	9	$6\frac{3}{4}$	29	$4\frac{5}{8}$
8	$1\frac{1}{2}$	24	$10\frac{3}{8}-\frac{1}{16}$	8	$10\frac{1}{4}$	27	$1\frac{7}{8}-\frac{1}{16}$	9	7	29	$5\frac{3}{8}$
8	$1\frac{3}{4}$	24	$11\frac{1}{8}-\frac{1}{16}$	8	$10\frac{1}{2}$	27	$2\frac{5}{8}-\frac{1}{16}$	9	$7\frac{1}{4}$	29	$6\frac{1}{8}-\frac{1}{16}$
8	2	25	0	8	$10\frac{3}{4}$	27	$3\frac{1}{2}$	9	$7\frac{1}{2}$	29	7
8	$2\frac{1}{4}$	25	$0\frac{3}{4}-\frac{1}{16}$	8	11	27	$4\frac{1}{4}$	9	$7\frac{3}{4}$	29	$7\frac{3}{4}$
8	$2\frac{1}{2}$	25	$1\frac{1}{2}-\frac{1}{16}$	8	$11\frac{1}{4}$	27	$5\frac{1}{16}$	9	8	29	$8\frac{1}{2}-\frac{1}{16}$
8	$2\frac{3}{4}$	25	$2\frac{3}{8}$	8	$11\frac{1}{2}$	27	$5\frac{3}{4}-\frac{1}{16}$	9	$8\frac{1}{4}$	29	$9\frac{1}{4}-\frac{1}{16}$
8	3	25	$3\frac{1}{8}-\frac{1}{16}$	8	$11\frac{3}{4}$	27	$6\frac{5}{8}$	9	$8\frac{1}{2}$	29	$10\frac{1}{8}$
8	$3\frac{1}{4}$	25	$3\frac{7}{8}-\frac{1}{16}$	9	0	27	$7\frac{3}{8}-\frac{1}{16}$	9	$8\frac{3}{4}$	29	$10\frac{7}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{1}{4}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
9	9	29	$11\frac{5}{8}-\frac{1}{16}$	10	$5\frac{3}{4}$	32	$3\frac{1}{8}-\frac{1}{16}$	11	$2\frac{1}{2}$	34	$6\frac{5}{8}-\frac{1}{16}$
9	$9\frac{1}{4}$	30	$0\frac{3}{8}-\frac{1}{16}$	10	6	32	$3\frac{7}{16}-\frac{1}{16}$	11	$2\frac{3}{4}$	34	$7\frac{3}{8}-\frac{1}{16}$
9	$9\frac{1}{2}$	30	$1\frac{1}{4}$	10	$6\frac{1}{4}$	32	$4\frac{3}{4}$	11	3	34	$8\frac{1}{4}$
9	$9\frac{3}{4}$	30	2	10	$6\frac{1}{2}$	32	$5\frac{1}{2}$	11	$3\frac{1}{4}$	34	9
9	10	30	$2\frac{3}{4}-\frac{1}{16}$	10	$6\frac{3}{4}$	32	$6\frac{1}{4}-\frac{1}{16}$	11	$3\frac{1}{2}$	34	$9\frac{3}{4}-\frac{1}{16}$
9	$10\frac{1}{4}$	30	$3\frac{5}{8}$	10	7	32	$7\frac{1}{8}$	11	$3\frac{3}{4}$	34	$10\frac{1}{2}-\frac{1}{16}$
9	$10\frac{1}{2}$	30	$4\frac{3}{8}$	10	$7\frac{1}{4}$	32	$7\frac{7}{8}$	11	4	34	$11\frac{3}{8}$
9	$10\frac{3}{4}$	30	$5\frac{1}{8}-\frac{1}{16}$	10	$7\frac{1}{2}$	32	$8\frac{5}{8}-\frac{1}{16}$	11	$4\frac{1}{4}$	35	$0\frac{1}{8}$
9	11	30	6	10	$7\frac{3}{4}$	32	$9\frac{3}{8}-\frac{1}{16}$	11	$4\frac{1}{2}$	35	$0\frac{7}{8}-\frac{1}{16}$
9	$11\frac{1}{4}$	30	$6\frac{3}{4}$	10	8	32	$10\frac{1}{4}$	11	$4\frac{3}{4}$	35	$1\frac{3}{4}$
9	$11\frac{1}{2}$	30	$7\frac{1}{2}$	10	$8\frac{1}{4}$	32	11	11	5	35	$2\frac{1}{2}$
9	$11\frac{3}{4}$	30	$8\frac{1}{4}-\frac{1}{16}$	10	$8\frac{1}{2}$	32	$11\frac{3}{4}-\frac{1}{16}$	11	$5\frac{1}{4}$	35	$3\frac{1}{4}-\frac{1}{16}$
10	0	30	$9\frac{3}{8}$	10	$8\frac{3}{4}$	33	$0\frac{5}{8}$	11	$5\frac{1}{2}$	35	$4\frac{1}{16}$
10	$0\frac{1}{4}$	30	$9\frac{7}{8}$	10	9	33	$1\frac{5}{8}$	11	$5\frac{3}{4}$	35	$4\frac{7}{8}$
10	$0\frac{1}{2}$	30	$10\frac{5}{8}-\frac{1}{16}$	10	$9\frac{1}{4}$	33	$2\frac{1}{8}-\frac{1}{16}$	11	6	35	$5\frac{5}{8}$
10	$0\frac{3}{4}$	30	$11\frac{3}{8}-\frac{1}{16}$	10	$9\frac{1}{2}$	33	3	11	$6\frac{1}{4}$	35	$6\frac{3}{8}-\frac{1}{16}$
10	1	31	$0\frac{1}{4}$	10	$9\frac{3}{4}$	33	$3\frac{3}{4}$	11	$6\frac{1}{2}$	35	$7\frac{1}{4}$
10	$1\frac{1}{4}$	31	1	10	10	33	$4\frac{1}{2}$	11	$6\frac{3}{4}$	35	8
10	$1\frac{1}{2}$	31	$1\frac{3}{4}-\frac{1}{16}$	10	$10\frac{1}{4}$	33	$5\frac{1}{4}-\frac{1}{16}$	11	7	35	$8\frac{3}{4}-\frac{1}{16}$
10	$1\frac{3}{4}$	31	$2\frac{5}{8}$	10	$10\frac{1}{2}$	33	$6\frac{1}{16}$	11	$7\frac{1}{4}$	35	$9\frac{1}{2}-\frac{1}{16}$
10	2	31	$3\frac{3}{8}$	10	$10\frac{3}{4}$	33	$6\frac{7}{8}$	11	$7\frac{1}{2}$	35	$10\frac{3}{8}$
10	$2\frac{1}{4}$	31	$4\frac{1}{8}$	10	11	33	$7\frac{5}{8}-\frac{1}{16}$	11	$7\frac{3}{4}$	35	$11\frac{1}{8}$
10	$2\frac{1}{2}$	31	5	10	$11\frac{1}{4}$	33	$8\frac{3}{8}-\frac{1}{16}$	11	8	35	$11\frac{7}{8}-\frac{1}{16}$
10	$2\frac{3}{4}$	31	$5\frac{3}{4}$	10	$11\frac{1}{2}$	33	$9\frac{1}{4}$	11	$8\frac{1}{4}$	36	$0\frac{5}{8}-\frac{1}{16}$
10	3	31	$6\frac{1}{2}$	10	$11\frac{3}{4}$	33	10	11	$8\frac{1}{2}$	36	$1\frac{1}{2}$
10	$3\frac{1}{4}$	31	$7\frac{1}{4}-\frac{1}{16}$	11	0	33	$10\frac{3}{4}-\frac{1}{16}$	11	$8\frac{3}{4}$	36	$2\frac{1}{4}-\frac{1}{16}$
10	$3\frac{1}{2}$	31	$8\frac{1}{8}$	11	$0\frac{1}{4}$	33	$11\frac{1}{2}-\frac{1}{16}$	11	9	36	$3\frac{1}{16}$
10	$3\frac{3}{4}$	31	$8\frac{7}{8}$	11	$0\frac{1}{2}$	34	$0\frac{3}{8}$	11	$9\frac{1}{4}$	36	$3\frac{7}{8}$
10	4	31	$9\frac{5}{8}-\frac{1}{16}$	11	$0\frac{3}{4}$	34	$1\frac{1}{8}-\frac{1}{16}$	11	$9\frac{1}{2}$	36	$4\frac{5}{8}$
10	$4\frac{1}{4}$	31	$10\frac{3}{8}-\frac{1}{16}$	11	1	34	$1\frac{7}{8}-\frac{1}{16}$	11	$9\frac{3}{4}$	36	$5\frac{3}{8}-\frac{1}{16}$
10	$4\frac{1}{2}$	31	$11\frac{1}{4}$	11	$1\frac{1}{4}$	34	$2\frac{3}{4}$	11	10	36	$6\frac{1}{4}$
10	$4\frac{3}{4}$	32	0	11	$1\frac{1}{2}$	34	$3\frac{1}{2}$	11	$10\frac{1}{4}$	36	7
10	5	32	$0\frac{3}{4}-\frac{1}{16}$	11	$1\frac{3}{4}$	34	$4\frac{1}{4}-\frac{1}{16}$	11	$10\frac{1}{2}$	36	$7\frac{3}{4}-\frac{1}{16}$
10	$5\frac{1}{4}$	32	$1\frac{5}{8}$	11	2	34	$5\frac{1}{16}$	11	$10\frac{3}{4}$	36	$8\frac{1}{2}-\frac{1}{16}$
10	$5\frac{1}{2}$	32	$2\frac{3}{8}$	11	$2\frac{1}{4}$	34	$5\frac{7}{8}$	11	11	36	$9\frac{3}{8}$

Diagonal Measurement at the Root, $1\frac{1}{4}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
11	$11\frac{1}{4}$	36	$10\frac{1}{8}$	12	$3\frac{3}{4}$	38	$0\frac{1}{4}-\frac{1}{16}$	12	$8\frac{1}{4}$	39	$2\frac{3}{8}-\frac{1}{16}$
11	$11\frac{1}{2}$	36	$10\frac{7}{8}-\frac{1}{16}$	12	4	38	$1\frac{1}{8}$	12	$8\frac{1}{2}$	39	$3\frac{1}{4}$
11	$11\frac{3}{4}$	36	$11\frac{3}{4}$	12	$4\frac{1}{4}$	38	$1\frac{7}{8}$	12	$8\frac{3}{4}$	39	4
12	0	37	$0\frac{1}{2}$	12	$4\frac{1}{2}$	38	$2\frac{5}{8}$	12	9	39	$4\frac{3}{4}-\frac{1}{16}$
12	$0\frac{1}{4}$	37	$1\frac{1}{4}-\frac{1}{16}$	12	$4\frac{3}{4}$	38	$3\frac{3}{8}$	12	$9\frac{1}{4}$	39	$5\frac{1}{2}-\frac{1}{16}$
12	$0\frac{1}{2}$	37	$2\frac{1}{16}$	12	5	38	$4\frac{1}{8}-\frac{1}{16}$	12	$9\frac{1}{2}$	39	$6\frac{3}{8}$
12	$0\frac{3}{4}$	37	$2\frac{7}{8}$	12	$5\frac{1}{4}$	38	5	12	$9\frac{3}{4}$	39	$7\frac{1}{8}$
12	1	37	$3\frac{5}{8}$	12	$5\frac{1}{2}$	38	$5\frac{3}{4}-\frac{1}{16}$	12	10	39	$7\frac{7}{8}-\frac{1}{16}$
12	$1\frac{1}{4}$	37	$4\frac{3}{8}-\frac{1}{16}$	12	$5\frac{3}{4}$	38	$6\frac{5}{8}$	12	$10\frac{1}{4}$	39	$8\frac{5}{8}-\frac{1}{16}$
12	$1\frac{1}{2}$	37	$5\frac{1}{4}$	12	6	38	$7\frac{3}{8}$	12	$10\frac{1}{2}$	39	$9\frac{1}{2}$
12	$1\frac{3}{4}$	37	6	12	$6\frac{1}{4}$	38	$8\frac{1}{8}$	12	$10\frac{3}{4}$	39	$10\frac{1}{4}-\frac{1}{16}$
12	2	37	$6\frac{3}{4}$	12	$6\frac{1}{2}$	38	$8\frac{7}{8}-\frac{1}{16}$	12	11	39	$11\frac{1}{16}$
12	$2\frac{1}{4}$	37	$7\frac{1}{2}-\frac{1}{16}$	12	$6\frac{3}{4}$	38	$9\frac{3}{4}$	12	$11\frac{1}{4}$	39	$11\frac{3}{4}-\frac{1}{16}$
12	$2\frac{1}{2}$	37	$8\frac{3}{8}$	12	7	38	$10\frac{1}{2}$	12	$11\frac{1}{2}$	40	$0\frac{5}{8}$
12	$2\frac{3}{4}$	37	$9\frac{1}{8}$	12	$7\frac{1}{4}$	38	$11\frac{1}{4}$	12	$11\frac{3}{4}$	40	$1\frac{3}{8}-\frac{1}{16}$
12	3	37	$9\frac{7}{8}$	12	$7\frac{1}{2}$	39	$0\frac{1}{16}$	13	0	40	$2\frac{1}{8}-\frac{1}{16}$
12	$3\frac{1}{4}$	37	$10\frac{3}{4}$	12	$7\frac{3}{4}$	39	$0\frac{7}{8}$				
12	$3\frac{1}{2}$	37	$11\frac{1}{2}$	12	8	39	$1\frac{5}{8}$				

Diagonal Measurement at the Root, $1\frac{3}{8}$-inch.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	0	2	$5\frac{1}{16}$	1	$2\frac{1}{2}$	3	$0\frac{7}{8}$	1	5	3	$8\frac{3}{4}$
1	$0\frac{1}{4}$	2	$5\frac{3}{4}-\frac{1}{16}$	1	$2\frac{3}{4}$	3	$1\frac{5}{8}-\frac{1}{16}$	1	$5\frac{1}{4}$	3	$9\frac{1}{2}-\frac{1}{16}$
1	$0\frac{1}{2}$	2	$6\frac{5}{8}$	1	3	3	$2\frac{3}{8}-\frac{1}{16}$	1	$5\frac{1}{2}$	3	$10\frac{1}{4}-\frac{1}{16}$
1	$0\frac{3}{4}$	2	$7\frac{3}{8}$	1	$3\frac{1}{4}$	3	$3\frac{1}{4}$	1	$5\frac{3}{4}$	3	$11\frac{1}{16}$
1	1	2	$8\frac{1}{8}-\frac{1}{16}$	1	$3\frac{1}{2}$	3	$4\frac{1}{16}$	1	6	3	$11\frac{7}{8}$
1	$1\frac{1}{4}$	2	$8\frac{7}{8}-\frac{1}{16}$	1	$3\frac{3}{4}$	3	$4\frac{3}{4}-\frac{1}{16}$	1	$6\frac{1}{4}$	4	$0\frac{5}{8}-\frac{1}{16}$
1	$1\frac{1}{2}$	2	$9\frac{3}{4}$	1	4	3	$5\frac{1}{2}-\frac{1}{16}$	1	$6\frac{1}{2}$	4	$1\frac{3}{8}-\frac{1}{16}$
1	$1\frac{3}{4}$	2	$10\frac{1}{2}-\frac{1}{16}$	1	$4\frac{1}{4}$	3	$6\frac{3}{8}$	1	$6\frac{3}{4}$	4	$2\frac{1}{4}$
1	2	2	$11\frac{1}{4}-\frac{1}{16}$	1	$4\frac{1}{2}$	3	$7\frac{1}{8}-\frac{1}{16}$	1	7	4	$3\frac{1}{16}$
1	$2\frac{1}{4}$	3	$0\frac{1}{16}$	1	$4\frac{3}{4}$	3	$7\frac{7}{8}-\frac{1}{16}$	1	$7\frac{1}{4}$	4	$3\frac{3}{4}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{3}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
1	$7\frac{1}{2}$	4	$4\frac{1}{2}-\frac{1}{16}$	2	$4\frac{1}{4}$	6	$8\frac{1}{8}$	3	1	8	$11\frac{5}{8}$
1	$7\frac{3}{4}$	4	$5\frac{3}{8}$	2	$4\frac{1}{2}$	6	$8\frac{7}{8}$	3	$1\frac{1}{4}$	9	$0\frac{3}{8}$
1	8	4	$6\frac{1}{8}-\frac{1}{16}$	2	$4\frac{3}{4}$	6	$9\frac{5}{8}-\frac{1}{16}$	3	$1\frac{1}{2}$	9	$1\frac{5}{8}-\frac{1}{16}$
1	$8\frac{1}{4}$	4	$6\frac{7}{8}-\frac{1}{16}$	2	5	6	$10\frac{3}{8}-\frac{1}{16}$	3	$1\frac{3}{4}$	9	2
1	$8\frac{1}{2}$	4	$7\frac{3}{4}$	2	$5\frac{1}{4}$	6	$11\frac{1}{4}$	3	2	9	$2\frac{3}{4}$
1	$8\frac{3}{4}$	4	$8\frac{1}{2}$	2	$5\frac{1}{2}$	7	0	3	$2\frac{1}{4}$	9	$3\frac{1}{2}$
1	9	4	$9\frac{1}{4}-\frac{1}{16}$	2	$5\frac{3}{4}$	7	$0\frac{3}{4}-\frac{1}{16}$	3	$2\frac{1}{2}$	9	$4\frac{1}{4}-\frac{1}{16}$
1	$9\frac{1}{4}$	4	$10\frac{1}{16}$	2	6	7	$1\frac{1}{2}-\frac{1}{16}$	3	$2\frac{3}{4}$	9	$5\frac{1}{16}$
1	$9\frac{1}{2}$	4	$10\frac{7}{8}$	2	$6\frac{1}{4}$	7	$2\frac{3}{8}$	3	3	9	$5\frac{7}{8}$
1	$9\frac{3}{4}$	4	$11\frac{5}{8}-\frac{1}{16}$	2	$6\frac{1}{2}$	7	$3\frac{1}{8}$	3	$3\frac{1}{4}$	9	$6\frac{5}{8}-\frac{1}{16}$
1	10	5	$0\frac{3}{8}-\frac{1}{16}$	2	$6\frac{3}{4}$	7	$3\frac{7}{8}-\frac{1}{16}$	3	$3\frac{1}{2}$	9	$7\frac{3}{8}-\frac{1}{16}$
1	$10\frac{1}{4}$	5	$1\frac{1}{4}$	2	7	7	$4\frac{3}{4}$	3	$3\frac{3}{4}$	9	$8\frac{1}{8}-\frac{1}{16}$
1	$10\frac{1}{2}$	5	2	2	$7\frac{1}{4}$	7	$5\frac{1}{2}$	3	4	9	9
1	$10\frac{3}{4}$	5	$2\frac{3}{4}-\frac{1}{16}$	2	$7\frac{1}{2}$	7	$6\frac{1}{4}-\frac{1}{16}$	3	$4\frac{1}{4}$	9	$9\frac{3}{4}-\frac{1}{16}$
1	11	5	$3\frac{1}{2}-\frac{1}{16}$	2	$7\frac{3}{4}$	7	$7\frac{1}{16}$	3	$4\frac{1}{2}$	9	$10\frac{1}{2}$
1	$11\frac{1}{4}$	5	$4\frac{3}{8}$	2	8	7	$7\frac{7}{8}$	3	$4\frac{3}{4}$	9	$11\frac{3}{8}$
1	$11\frac{1}{2}$	5	$5\frac{1}{8}-\frac{1}{16}$	2	$8\frac{1}{4}$	7	$8\frac{5}{8}$	3	5	10	$0\frac{1}{8}-\frac{1}{16}$
1	$11\frac{3}{4}$	5	$5\frac{7}{8}-\frac{1}{16}$	2	$8\frac{1}{2}$	7	$9\frac{3}{8}-\frac{1}{16}$	3	$5\frac{1}{4}$	10	1
2	0	5	$6\frac{3}{4}$	2	$8\frac{3}{4}$	7	$10\frac{1}{4}$	3	$5\frac{1}{2}$	10	$1\frac{3}{4}$
2	$0\frac{1}{4}$	5	$7\frac{1}{2}$	2	9	7	11	3	$5\frac{3}{4}$	10	$2\frac{1}{2}$
2	$0\frac{1}{2}$	5	$8\frac{1}{4}-\frac{1}{16}$	2	$9\frac{1}{4}$	7	$11\frac{3}{4}-\frac{1}{16}$	3	6	10	$3\frac{1}{4}-\frac{1}{16}$
2	$0\frac{3}{4}$	5	$9\frac{1}{16}$	2	$9\frac{1}{2}$	8	$0\frac{1}{2}-\frac{1}{16}$	3	$6\frac{1}{4}$	10	$4\frac{1}{2}$
2	1	5	$9\frac{7}{8}$	2	$9\frac{3}{4}$	8	$1\frac{3}{8}$	3	$6\frac{1}{2}$	10	$4\frac{7}{8}$
2	$1\frac{1}{4}$	5	$10\frac{5}{8}$	2	10	8	$2\frac{1}{8}-\frac{1}{16}$	3	$6\frac{3}{4}$	10	$5\frac{5}{8}-\frac{1}{16}$
2	$1\frac{1}{2}$	5	$11\frac{3}{8}-\frac{1}{16}$	2	$10\frac{1}{4}$	8	3	3	7	10	$6\frac{3}{8}-\frac{1}{16}$
2	$1\frac{3}{4}$	6	$0\frac{1}{4}$	2	$10\frac{1}{2}$	8	$3\frac{3}{4}$	3	$7\frac{1}{4}$	10	$7\frac{1}{8}-\frac{1}{16}$
2	2	6	1	2	$10\frac{3}{4}$	8	$4\frac{1}{2}$	3	$7\frac{1}{2}$	10	8
2	$2\frac{1}{4}$	6	$1\frac{3}{4}-\frac{1}{16}$	2	11	8	$5\frac{1}{4}-\frac{1}{16}$	3	$7\frac{3}{4}$	10	$8\frac{3}{4}-\frac{1}{16}$
2	$2\frac{1}{2}$	6	$2\frac{1}{2}-\frac{1}{16}$	2	$11\frac{1}{4}$	8	$6\frac{1}{16}$	3	8	10	$9\frac{5}{8}$
2	$2\frac{3}{4}$	6	$3\frac{3}{8}$	2	$11\frac{1}{2}$	8	$6\frac{7}{8}$	3	$8\frac{1}{4}$	10	$10\frac{3}{8}$
2	3	6	$4\frac{1}{8}$	2	$11\frac{3}{4}$	8	$7\frac{5}{8}-\frac{1}{16}$	3	$8\frac{1}{2}$	10	$11\frac{1}{8}-\frac{1}{16}$
2	$3\frac{1}{4}$	6	$4\frac{7}{8}-\frac{1}{16}$	3	0	8	$8\frac{1}{2}$	3	$8\frac{3}{4}$	10	$11\frac{7}{8}-\frac{1}{16}$
2	$3\frac{1}{2}$	6	$5\frac{3}{4}$	3	$0\frac{1}{4}$	8	$9\frac{1}{4}$	3	9	11	$0\frac{5}{8}-\frac{1}{16}$
2	$3\frac{3}{4}$	6	$6\frac{1}{2}$	3	$0\frac{1}{2}$	8	10	3	$9\frac{1}{4}$	11	$1\frac{1}{2}$
2	4	6	$7\frac{1}{4}-\frac{1}{16}$	3	$0\frac{3}{4}$	8	$10\frac{3}{4}-\frac{1}{16}$	3	$9\frac{1}{2}$	11	$2\frac{1}{4}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{3}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
3	$9\frac{3}{4}$	11	$3\frac{1}{16}$	4	$6\frac{1}{2}$	13	$6\frac{1}{2}$-$\frac{1}{16}$	5	$3\frac{1}{4}$	15	$10\frac{1}{16}$
3	10	11	$3\frac{7}{8}$	4	$6\frac{3}{4}$	13	$7\frac{3}{8}$	5	$3\frac{1}{2}$	15	$10\frac{7}{8}$
3	$10\frac{1}{4}$	11	$4\frac{5}{8}$-$\frac{1}{16}$	4	7	13	$8\frac{1}{8}$	5	$3\frac{3}{4}$	15	$11\frac{5}{8}$
3	$10\frac{1}{2}$	11	$5\frac{3}{8}$-$\frac{1}{16}$	4	$7\frac{1}{4}$	13	$8\frac{7}{8}$	5	4	16	$0\frac{3}{8}$
3	$10\frac{3}{4}$	11	$6\frac{1}{8}$-$\frac{1}{16}$	4	$7\frac{1}{2}$	13	$9\frac{5}{8}$-$\frac{1}{16}$	5	$4\frac{1}{4}$	16	$1\frac{1}{8}$-$\frac{1}{16}$
3	11	11	7	4	$7\frac{3}{4}$	13	$10\frac{1}{2}$	5	$4\frac{1}{2}$	16	2
3	$11\frac{1}{4}$	11	$7\frac{3}{4}$-$\frac{1}{16}$	4	8	13	$11\frac{1}{4}$-$\frac{1}{16}$	5	$4\frac{3}{4}$	16	$2\frac{3}{4}$-$\frac{1}{16}$
3	$11\frac{1}{2}$	11	$8\frac{1}{2}$-$\frac{1}{16}$	4	$8\frac{1}{4}$	14	$0\frac{1}{16}$	5	5	16	$3\frac{1}{2}$-$\frac{1}{16}$
3	$11\frac{3}{4}$	11	$9\frac{3}{8}$	4	$8\frac{1}{2}$	14	$0\frac{7}{8}$	5	$5\frac{1}{4}$	16	$4\frac{3}{8}$
4	0	11	$10\frac{1}{8}$-$\frac{1}{16}$	4	$8\frac{3}{4}$	14	$1\frac{5}{8}$	5	$5\frac{1}{2}$	16	$5\frac{1}{8}$
4	$0\frac{1}{4}$	11	$10\frac{7}{8}$-$\frac{1}{16}$	4	9	14	$2\frac{3}{8}$	5	$5\frac{3}{4}$	16	$5\frac{7}{8}$
4	$0\frac{1}{2}$	11	$11\frac{5}{8}$-$\frac{1}{16}$	4	$9\frac{1}{4}$	14	$3\frac{1}{8}$-$\frac{1}{16}$	5	6	16	$6\frac{5}{8}$-$\frac{1}{16}$
4	$0\frac{3}{4}$	12	$0\frac{1}{2}$	4	$9\frac{1}{2}$	14	4	5	$6\frac{1}{4}$	16	$7\frac{1}{2}$
4	1	12	$1\frac{1}{4}$-$\frac{1}{16}$	4	$9\frac{3}{4}$	14	$4\frac{3}{4}$-$\frac{1}{16}$	5	$6\frac{1}{2}$	16	$8\frac{1}{4}$-$\frac{1}{16}$
4	$1\frac{1}{4}$	12	$2\frac{1}{16}$	4	10	14	$5\frac{1}{2}$-$\frac{1}{16}$	5	$6\frac{3}{4}$	16	$9\frac{1}{8}$
4	$1\frac{1}{2}$	12	$2\frac{7}{8}$	4	$10\frac{1}{4}$	14	$6\frac{3}{8}$	5	7	16	$9\frac{7}{8}$
4	$1\frac{3}{4}$	12	$3\frac{5}{8}$-$\frac{1}{16}$	4	$10\frac{1}{2}$	14	$7\frac{1}{8}$	5	$7\frac{1}{4}$	16	$10\frac{5}{8}$
4	2	12	$4\frac{3}{8}$-$\frac{1}{16}$	4	$10\frac{3}{4}$	14	$7\frac{7}{8}$	5	$7\frac{1}{2}$	16	$11\frac{3}{8}$
4	$2\frac{1}{4}$	12	$5\frac{1}{8}$-$\frac{1}{16}$	4	11	14	$8\frac{5}{8}$-$\frac{1}{16}$	5	$7\frac{3}{4}$	17	$0\frac{1}{8}$-$\frac{1}{16}$
4	$2\frac{1}{2}$	12	6	4	$11\frac{1}{4}$	14	$9\frac{1}{2}$	5	8	17	1
4	$2\frac{3}{4}$	12	$6\frac{3}{4}$-$\frac{1}{16}$	4	$11\frac{1}{2}$	14	$10\frac{1}{4}$	5	$8\frac{1}{4}$	17	$1\frac{3}{4}$-$\frac{1}{16}$
4	3	12	$7\frac{1}{2}$-$\frac{1}{16}$	4	$11\frac{3}{4}$	14	$11\frac{1}{8}$	5	$8\frac{1}{2}$	17	$2\frac{1}{2}$-$\frac{1}{16}$
4	$3\frac{1}{4}$	12	$8\frac{3}{8}$	5	0	14	$11\frac{7}{8}$	5	$8\frac{3}{4}$	17	$3\frac{3}{8}$
4	$3\frac{1}{2}$	12	$9\frac{1}{8}$-$\frac{1}{16}$	5	$0\frac{1}{4}$	15	$0\frac{1}{8}$	5	9	17	$4\frac{1}{8}$
4	$3\frac{3}{4}$	12	$9\frac{7}{8}$-$\frac{1}{16}$	5	$0\frac{1}{2}$	15	$1\frac{3}{8}$	5	$9\frac{1}{4}$	17	$4\frac{7}{8}$
4	4	12	$10\frac{5}{8}$-$\frac{1}{16}$	5	$0\frac{3}{4}$	15	$2\frac{5}{8}$-$\frac{1}{16}$	5	$9\frac{1}{2}$	17	$5\frac{5}{8}$-$\frac{1}{16}$
4	$4\frac{1}{4}$	12	$11\frac{1}{2}$	5	1	15	3	5	$9\frac{3}{4}$	17	$6\frac{1}{2}$
4	$4\frac{1}{2}$	13	$0\frac{1}{4}$-$\frac{1}{16}$	5	$1\frac{1}{4}$	15	$3\frac{3}{4}$-$\frac{1}{16}$	5	10	17	$7\frac{1}{4}$
4	$4\frac{3}{4}$	13	$1\frac{1}{16}$	5	$1\frac{1}{2}$	15	$4\frac{1}{2}$-$\frac{1}{16}$	5	$10\frac{1}{4}$	17	$8\frac{1}{8}$
4	5	13	$1\frac{7}{8}$	5	$1\frac{3}{4}$	15	$5\frac{3}{8}$	5	$10\frac{1}{2}$	17	$8\frac{7}{8}$
4	$5\frac{1}{4}$	13	$2\frac{5}{8}$-$\frac{1}{16}$	5	2	15	$6\frac{1}{8}$	5	$10\frac{3}{4}$	17	$9\frac{5}{8}$
4	$5\frac{1}{2}$	13	$3\frac{3}{8}$-$\frac{1}{16}$	5	$2\frac{1}{4}$	15	$6\frac{7}{8}$	5	11	17	$10\frac{3}{8}$
4	$5\frac{3}{4}$	13	$4\frac{1}{8}$-$\frac{1}{16}$	5	$2\frac{1}{2}$	15	$7\frac{5}{8}$-$\frac{1}{16}$	5	$11\frac{1}{4}$	17	$11\frac{1}{8}$-$\frac{1}{16}$
4	6	13	5	5	$2\frac{3}{4}$	15	$8\frac{1}{2}$	5	$11\frac{1}{2}$	18	0
4	$6\frac{1}{4}$	13	$5\frac{3}{4}$-$\frac{1}{16}$	5	3	15	$9\frac{1}{4}$-$\frac{1}{16}$	5	$11\frac{3}{4}$	18	$0\frac{3}{4}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{3}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
6	0	18	$1\frac{1}{2}$-$\frac{1}{16}$	6	$8\frac{3}{4}$	20	$5\frac{1}{16}$	7	$5\frac{1}{2}$	22	$8\frac{1}{2}$
6	$0\frac{1}{4}$	18	$2\frac{1}{4}$-$\frac{1}{16}$	6	9	20	$5\frac{3}{4}$-$\frac{1}{16}$	7	$5\frac{3}{4}$	22	$9\frac{1}{4}$-$\frac{1}{16}$
6	$0\frac{1}{2}$	18	$3\frac{1}{8}$	6	$9\frac{1}{4}$	20	$6\frac{1}{2}$-$\frac{1}{16}$	7	6	22	$10\frac{1}{8}$
6	$0\frac{3}{4}$	18	$3\frac{7}{8}$	6	$9\frac{1}{2}$	20	$7\frac{3}{8}$	7	$6\frac{1}{4}$	22	$10\frac{7}{8}$
6	1	18	$4\frac{5}{8}$-$\frac{1}{16}$	6	$9\frac{3}{4}$	20	$8\frac{1}{8}$-$\frac{1}{16}$	7	$6\frac{1}{2}$	22	$11\frac{5}{8}$-$\frac{1}{16}$
6	$1\frac{1}{4}$	18	$5\frac{1}{2}$	6	10	20	9	7	$6\frac{3}{4}$	23	$0\frac{1}{2}$
6	$1\frac{1}{2}$	18	$6\frac{1}{4}$-$\frac{1}{16}$	6	$10\frac{1}{4}$	20	$9\frac{3}{4}$	7	7	23	$1\frac{1}{4}$
6	$1\frac{3}{4}$	18	$7\frac{1}{16}$	6	$10\frac{1}{2}$	20	$10\frac{1}{2}$	7	$7\frac{1}{4}$	23	2
6	2	18	$7\frac{3}{4}$-$\frac{1}{16}$	6	$10\frac{3}{4}$	20	$11\frac{1}{4}$-$\frac{1}{16}$	7	$7\frac{1}{2}$	23	$2\frac{3}{4}$-$\frac{1}{16}$
6	$2\frac{1}{4}$	18	$8\frac{1}{2}$-$\frac{1}{16}$	6	11	21	$0\frac{1}{8}$	7	$7\frac{3}{4}$	23	$3\frac{1}{2}$-$\frac{1}{16}$
6	$2\frac{1}{2}$	18	$9\frac{3}{8}$	6	$11\frac{1}{4}$	21	$0\frac{7}{8}$	7	8	23	$4\frac{3}{8}$
6	$2\frac{3}{4}$	18	$10\frac{1}{8}$-$\frac{1}{16}$	6	$11\frac{1}{2}$	21	$1\frac{5}{8}$-$\frac{1}{16}$	7	$8\frac{1}{4}$	23	$5\frac{1}{8}$-$\frac{1}{16}$
6	3	18	11	6	$11\frac{3}{4}$	21	$2\frac{1}{2}$	7	$8\frac{1}{2}$	23	6
6	$3\frac{1}{4}$	18	$11\frac{3}{4}$-$\frac{1}{16}$	7	0	21	$3\frac{1}{4}$	7	$8\frac{3}{4}$	23	$6\frac{3}{4}$
6	$3\frac{1}{2}$	19	$0\frac{1}{2}$-$\frac{1}{16}$	7	$0\frac{1}{4}$	21	4	7	9	23	$7\frac{1}{2}$
6	$3\frac{3}{4}$	19	$1\frac{1}{4}$-$\frac{1}{16}$	7	$0\frac{1}{2}$	21	$4\frac{3}{4}$-$\frac{1}{16}$	7	$9\frac{1}{4}$	23	$8\frac{1}{4}$-$\frac{1}{16}$
6	4	19	$2\frac{1}{8}$	7	$0\frac{3}{4}$	21	$5\frac{1}{2}$-$\frac{1}{16}$	7	$9\frac{1}{2}$	23	$9\frac{1}{16}$
6	$4\frac{1}{4}$	19	$2\frac{7}{8}$	7	1	21	$6\frac{3}{8}$	7	$9\frac{3}{4}$	23	$9\frac{7}{8}$
6	$4\frac{1}{2}$	19	$3\frac{5}{8}$-$\frac{1}{16}$	7	$1\frac{1}{4}$	21	$7\frac{1}{8}$-$\frac{1}{16}$	7	10	23	$10\frac{5}{8}$-$\frac{1}{16}$
6	$4\frac{3}{4}$	19	$4\frac{1}{2}$	7	$1\frac{1}{2}$	21	8	7	$10\frac{1}{4}$	23	$11\frac{3}{8}$-$\frac{1}{16}$
6	5	19	$5\frac{1}{4}$-$\frac{1}{16}$	7	$1\frac{3}{4}$	21	$8\frac{3}{4}$	7	$10\frac{1}{2}$	24	$0\frac{1}{8}$-$\frac{1}{16}$
6	$5\frac{1}{4}$	19	$6\frac{1}{16}$	7	2	21	$9\frac{1}{2}$	7	$10\frac{3}{4}$	24	1
6	$5\frac{1}{2}$	19	$6\frac{3}{4}$-$\frac{1}{16}$	7	$2\frac{1}{4}$	21	$10\frac{1}{4}$-$\frac{1}{16}$	7	11	24	$1\frac{3}{4}$-$\frac{1}{16}$
6	$5\frac{3}{4}$	19	$7\frac{1}{2}$-$\frac{1}{16}$	7	$2\frac{1}{2}$	21	$11\frac{1}{8}$	7	$11\frac{1}{4}$	24	$2\frac{1}{2}$-$\frac{1}{16}$
6	6	19	$8\frac{3}{8}$	7	$2\frac{3}{4}$	21	$11\frac{7}{8}$	7	$11\frac{1}{2}$	24	$3\frac{3}{8}$
6	$6\frac{1}{4}$	19	$9\frac{1}{8}$-$\frac{1}{16}$	7	3	22	$0\frac{5}{8}$-$\frac{1}{16}$	7	$11\frac{3}{4}$	24	$4\frac{1}{8}$-$\frac{1}{16}$
6	$6\frac{1}{2}$	19	10	7	$3\frac{1}{4}$	22	$1\frac{1}{2}$	8	0	24	5
6	$6\frac{3}{4}$	19	$10\frac{3}{4}$-$\frac{1}{16}$	7	$3\frac{1}{2}$	22	$2\frac{1}{4}$	8	$0\frac{1}{4}$	24	$5\frac{3}{4}$
6	7	19	$11\frac{1}{2}$-$\frac{1}{16}$	7	$3\frac{3}{4}$	22	3	8	$0\frac{1}{2}$	24	$6\frac{1}{2}$
6	$7\frac{1}{4}$	20	$0\frac{1}{4}$-$\frac{1}{16}$	7	4	22	$3\frac{3}{4}$-$\frac{1}{16}$	8	$0\frac{3}{4}$	24	$7\frac{1}{4}$-$\frac{1}{16}$
6	$7\frac{1}{2}$	20	$1\frac{1}{8}$	7	$4\frac{1}{4}$	22	$4\frac{1}{2}$-$\frac{1}{16}$	8	1	24	$8\frac{1}{8}$
6	$7\frac{3}{4}$	20	$1\frac{7}{8}$	7	$4\frac{1}{2}$	22	$5\frac{3}{8}$	8	$1\frac{1}{4}$	24	$8\frac{7}{8}$
6	8	20	$2\frac{5}{8}$-$\frac{1}{16}$	7	$4\frac{3}{4}$	22	$6\frac{1}{8}$-$\frac{1}{16}$	8	$1\frac{1}{2}$	24	$9\frac{3}{8}$-$\frac{1}{16}$
6	$8\frac{1}{4}$	20	$3\frac{1}{2}$	7	5	22	7	8	$1\frac{3}{4}$	24	$10\frac{3}{8}$-$\frac{1}{16}$
6	$8\frac{1}{2}$	20	$4\frac{1}{4}$-$\frac{1}{16}$	7	$5\frac{1}{4}$	22	$7\frac{3}{4}$	8	2	24	$11\frac{1}{8}$-$\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{3}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
8	$2\frac{1}{4}$	25	0	8	11	27	$3\frac{1}{2}$	9	$7\frac{3}{4}$	29	7
8	$2\frac{1}{2}$	25	$0\frac{3}{4}-\frac{1}{16}$	8	$11\frac{1}{4}$	27	$4\frac{1}{4}$	9	8	29	$7\frac{3}{4}$
8	$2\frac{3}{4}$	25	$1\frac{1}{2}-\frac{1}{16}$	8	$11\frac{1}{2}$	27	$5\frac{1}{16}$	9	$8\frac{1}{4}$	29	$8\frac{1}{2}-\frac{1}{16}$
8	3	25	$2\frac{3}{8}$	8	$11\frac{3}{4}$	27	$5\frac{3}{4}-\frac{1}{16}$	9	$8\frac{1}{2}$	29	$9\frac{1}{4}-\frac{1}{16}$
8	$3\frac{1}{4}$	25	$3\frac{1}{8}-\frac{1}{16}$	9	0	27	$6\frac{5}{8}$	9	$8\frac{3}{4}$	29	$10\frac{1}{8}$
8	$3\frac{1}{2}$	25	$3\frac{7}{8}-\frac{1}{16}$	9	$0\frac{1}{4}$	27	$7\frac{3}{8}-\frac{1}{16}$	9	9	29	$10\frac{7}{8}$
8	$3\frac{3}{4}$	25	$4\frac{5}{8}-\frac{1}{16}$	9	$0\frac{1}{2}$	27	$8\frac{1}{8}-\frac{1}{16}$	9	$9\frac{1}{4}$	29	$11\frac{5}{8}-\frac{1}{16}$
8	4	25	$5\frac{1}{2}$	9	$0\frac{3}{4}$	27	9	9	$9\frac{1}{2}$	30	$0\frac{3}{8}-\frac{1}{16}$
8	$4\frac{1}{4}$	25	$6\frac{1}{4}-\frac{1}{16}$	9	1	27	$9\frac{3}{4}$	9	$9\frac{3}{4}$	30	$1\frac{1}{4}$
8	$4\frac{1}{2}$	25	$7\frac{1}{8}$	9	$1\frac{1}{4}$	27	$10\frac{1}{2}$	9	10	30	2
8	$4\frac{3}{4}$	25	$7\frac{7}{8}$	9	$1\frac{1}{2}$	27	$11\frac{1}{4}-\frac{1}{16}$	9	$10\frac{1}{4}$	30	$2\frac{3}{4}-\frac{1}{16}$
8	5	25	$8\frac{5}{8}-\frac{1}{16}$	9	$1\frac{3}{4}$	28	$0\frac{1}{8}$	9	$10\frac{1}{2}$	30	$3\frac{5}{8}$
8	$5\frac{1}{4}$	25	$9\frac{3}{8}-\frac{1}{16}$	9	2	28	$0\frac{7}{8}$	9	$10\frac{3}{4}$	30	$4\frac{3}{8}$
8	$5\frac{1}{2}$	25	$10\frac{1}{8}-\frac{1}{16}$	9	$2\frac{1}{4}$	28	$1\frac{5}{8}-\frac{1}{16}$	9	11	30	$5\frac{1}{8}-\frac{1}{16}$
8	$5\frac{3}{4}$	25	11	9	$2\frac{1}{2}$	28	$2\frac{1}{2}$	9	$11\frac{1}{4}$	30	6
8	6	25	$11\frac{3}{4}-\frac{1}{16}$	9	$2\frac{3}{4}$	28	$3\frac{1}{4}$	9	$11\frac{1}{2}$	30	$6\frac{3}{4}$
8	$6\frac{1}{4}$	26	$0\frac{1}{2}-\frac{1}{16}$	9	3	28	4	9	$11\frac{3}{4}$	30	$7\frac{1}{2}$
8	$6\frac{1}{2}$	26	$1\frac{3}{8}$	9	$3\frac{1}{4}$	28	$4\frac{3}{4}$	10	0	30	$8\frac{1}{4}-\frac{1}{16}$
8	$6\frac{3}{4}$	26	$2\frac{1}{8}-\frac{1}{16}$	9	$3\frac{1}{2}$	28	$5\frac{5}{8}$	10	$0\frac{1}{4}$	30	$9\frac{1}{8}$
8	7	26	$2\frac{7}{8}-\frac{1}{16}$	9	$3\frac{3}{4}$	28	$6\frac{3}{8}$	10	$0\frac{1}{2}$	30	$9\frac{7}{8}$
8	$7\frac{1}{4}$	26	$3\frac{5}{8}-\frac{1}{16}$	9	4	28	$7\frac{1}{8}-\frac{1}{16}$	10	$0\frac{3}{4}$	30	$10\frac{5}{8}-\frac{1}{16}$
8	$7\frac{1}{2}$	26	$4\frac{1}{2}$	9	$4\frac{1}{4}$	28	8	10	1	30	$11\frac{3}{8}-\frac{1}{16}$
8	$7\frac{3}{4}$	26	$5\frac{1}{4}-\frac{1}{16}$	9	$4\frac{1}{2}$	28	$8\frac{3}{4}$	10	$1\frac{1}{4}$	31	$0\frac{1}{4}$
8	8	26	$6\frac{1}{16}$	9	$4\frac{3}{4}$	28	$9\frac{1}{2}$	10	$1\frac{1}{2}$	31	1
8	$8\frac{1}{4}$	26	$6\frac{3}{4}-\frac{1}{16}$	9	5	28	$10\frac{1}{4}-\frac{1}{16}$	10	$1\frac{3}{4}$	31	$1\frac{3}{4}-\frac{1}{16}$
8	$8\frac{1}{2}$	26	$7\frac{5}{8}$	9	$5\frac{1}{4}$	28	$11\frac{1}{8}$	10	2	31	$2\frac{5}{8}$
8	$8\frac{3}{4}$	26	$8\frac{3}{8}-\frac{1}{16}$	9	$5\frac{1}{2}$	28	$11\frac{7}{8}$	10	$2\frac{1}{4}$	31	$3\frac{3}{8}$
8	9	26	$9\frac{1}{8}-\frac{1}{16}$	9	$5\frac{3}{4}$	29	$0\frac{3}{8}-\frac{1}{16}$	10	$2\frac{1}{2}$	31	$4\frac{1}{8}$
8	$9\frac{1}{4}$	26	10	9	6	29	$1\frac{1}{2}$	10	$2\frac{3}{4}$	31	5
8	$9\frac{1}{2}$	26	$10\frac{3}{4}$	9	$6\frac{1}{4}$	29	$2\frac{1}{4}$	10	3	31	$5\frac{3}{4}$
8	$9\frac{3}{4}$	26	$11\frac{1}{2}-\frac{1}{16}$	9	$6\frac{1}{2}$	29	3	10	$3\frac{1}{4}$	31	$6\frac{1}{2}$
8	10	27	$0\frac{1}{4}-\frac{1}{16}$	9	$6\frac{3}{4}$	29	$3\frac{3}{4}-\frac{1}{16}$	10	$3\frac{1}{2}$	31	$7\frac{1}{4}-\frac{1}{16}$
8	$10\frac{1}{4}$	27	$1\frac{1}{16}$	9	7	29	$4\frac{5}{8}$	10	$3\frac{3}{4}$	31	$8\frac{1}{8}$
8	$10\frac{1}{2}$	27	$1\frac{7}{8}-\frac{1}{16}$	9	$7\frac{1}{4}$	29	$5\frac{3}{8}$	10	4	31	$8\frac{7}{8}$
8	$10\frac{3}{4}$	27	$2\frac{5}{8}-\frac{1}{16}$	9	$7\frac{1}{2}$	29	$6\frac{1}{8}-\frac{1}{16}$	10	$4\frac{1}{4}$	31	$9\frac{5}{8}-\frac{1}{16}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{3}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
10	$4\frac{1}{2}$	31	$10\frac{3}{8}-\frac{1}{16}$	11	$1\frac{1}{4}$	34	$1\frac{7}{8}-\frac{1}{16}$	11	10	36	$5\frac{3}{8}-\frac{1}{16}$
10	$4\frac{3}{4}$	31	$11\frac{1}{4}$	11	$1\frac{1}{2}$	34	$2\frac{3}{4}$	11	$10\frac{1}{4}$	36	$6\frac{1}{4}$
10	5	32	0	11	$1\frac{3}{4}$	34	$3\frac{1}{2}$	11	$10\frac{1}{2}$	36	7
10	$5\frac{1}{4}$	32	$0\frac{3}{4}-\frac{1}{16}$	11	2	34	$4\frac{1}{4}-\frac{1}{16}$	11	$10\frac{3}{4}$	36	$7\frac{3}{4}-\frac{1}{16}$
10	$5\frac{1}{2}$	32	$1\frac{5}{8}$	11	$2\frac{1}{4}$	34	$5\frac{1}{16}$	11	11	36	$8\frac{1}{2}-\frac{1}{16}$
10	$5\frac{3}{4}$	32	$2\frac{3}{8}$	11	$2\frac{1}{2}$	34	$5\frac{7}{8}$	11	$11\frac{1}{4}$	36	$9\frac{3}{8}$
10	6	32	$3\frac{1}{8}-\frac{1}{16}$	11	$2\frac{3}{4}$	34	$6\frac{5}{8}-\frac{1}{16}$	11	$11\frac{1}{2}$	36	$10\frac{1}{8}$
10	$6\frac{1}{4}$	32	$3\frac{7}{8}-\frac{1}{16}$	11	3	34	$7\frac{3}{8}-\frac{1}{16}$	11	$11\frac{3}{4}$	36	$10\frac{7}{8}-\frac{1}{16}$
10	$6\frac{1}{2}$	32	$4\frac{3}{4}$	11	$3\frac{1}{4}$	34	$8\frac{1}{4}$	12	0	36	$11\frac{3}{4}$
10	$6\frac{3}{4}$	32	$5\frac{1}{2}$	11	$3\frac{1}{2}$	34	9	12	$0\frac{1}{4}$	37	$0\frac{1}{2}$
10	7	32	$6\frac{1}{4}-\frac{1}{16}$	11	$3\frac{3}{4}$	34	$9\frac{3}{4}-\frac{1}{16}$	12	$0\frac{1}{2}$	37	$1\frac{1}{4}-\frac{1}{16}$
10	$7\frac{1}{4}$	32	$7\frac{1}{8}$	11	4	34	$10\frac{1}{2}-\frac{1}{16}$	12	$0\frac{3}{4}$	37	$2\frac{1}{16}$
10	$7\frac{1}{2}$	32	$7\frac{7}{8}$	11	$4\frac{1}{4}$	34	$11\frac{3}{8}$	12	1	37	$2\frac{7}{8}$
10	$7\frac{3}{4}$	32	$8\frac{5}{8}-\frac{1}{16}$	11	$4\frac{1}{2}$	35	$0\frac{1}{8}$	12	$1\frac{1}{4}$	37	$3\frac{5}{8}$
10	8	32	$9\frac{3}{8}-\frac{1}{16}$	11	$4\frac{3}{4}$	35	$0\frac{7}{8}-\frac{1}{16}$	12	$1\frac{1}{2}$	37	$4\frac{3}{8}-\frac{1}{16}$
10	$8\frac{1}{4}$	32	$10\frac{1}{4}$	11	5	35	$1\frac{3}{4}$	12	$1\frac{3}{4}$	37	$5\frac{1}{4}$
10	$8\frac{1}{2}$	32	11	11	$5\frac{1}{4}$	35	$2\frac{1}{2}$	12	2	37	6
10	$8\frac{3}{4}$	32	$11\frac{3}{4}-\frac{1}{16}$	11	$5\frac{1}{2}$	35	$3\frac{1}{4}-\frac{1}{16}$	12	$2\frac{1}{4}$	37	$6\frac{3}{4}$
10	9	33	$0\frac{5}{8}$	11	$5\frac{3}{4}$	35	$4\frac{1}{16}$	12	$2\frac{1}{2}$	37	$7\frac{1}{2}-\frac{1}{16}$
10	$9\frac{1}{4}$	33	$1\frac{3}{8}$	11	6	35	$4\frac{7}{8}$	12	$2\frac{3}{4}$	37	$8\frac{3}{8}$
10	$9\frac{1}{2}$	33	$2\frac{1}{8}-\frac{1}{16}$	11	$6\frac{1}{4}$	35	$5\frac{5}{8}$	12	3	37	$9\frac{1}{8}$
10	$9\frac{3}{4}$	33	3	11	$6\frac{1}{2}$	35	$6\frac{3}{8}-\frac{1}{16}$	12	$3\frac{1}{4}$	37	$9\frac{7}{8}$
10	10	33	$3\frac{3}{4}$	11	$6\frac{3}{4}$	35	$7\frac{1}{4}$	12	$3\frac{1}{2}$	37	$10\frac{3}{4}$
10	$10\frac{1}{4}$	33	$4\frac{1}{2}$	11	7	35	8	12	$3\frac{3}{4}$	37	$11\frac{1}{2}$
10	$10\frac{1}{2}$	33	$5\frac{1}{4}-\frac{1}{16}$	11	$7\frac{1}{4}$	35	$8\frac{3}{4}-\frac{1}{16}$	12	4	38	$0\frac{1}{4}-\frac{1}{16}$
10	$10\frac{3}{4}$	33	$6\frac{1}{16}$	11	$7\frac{1}{2}$	35	$9\frac{1}{2}-\frac{1}{16}$	12	$4\frac{1}{4}$	38	$1\frac{1}{8}$
10	11	33	$6\frac{7}{8}$	11	$7\frac{3}{4}$	35	$10\frac{3}{8}$	12	$4\frac{1}{2}$	38	$1\frac{7}{8}$
10	$11\frac{1}{4}$	33	$7\frac{5}{8}-\frac{1}{16}$	11	8	35	$11\frac{1}{8}$	12	$4\frac{3}{4}$	38	$2\frac{5}{8}$
10	$11\frac{1}{2}$	33	$8\frac{3}{8}-\frac{1}{16}$	11	$8\frac{1}{4}$	35	$11\frac{7}{8}-\frac{1}{16}$	12	5	38	$3\frac{3}{8}$
10	$11\frac{3}{4}$	33	$9\frac{1}{4}$	11	$8\frac{1}{2}$	36	$0\frac{5}{8}-\frac{1}{16}$	12	$5\frac{1}{4}$	38	$4\frac{1}{8}-\frac{1}{16}$
11	0	33	10	11	$8\frac{3}{4}$	36	$1\frac{1}{2}$	12	$5\frac{1}{2}$	38	5
11	$0\frac{1}{4}$	33	$10\frac{3}{4}-\frac{1}{16}$	11	9	36	$2\frac{1}{4}-\frac{1}{16}$	12	$5\frac{3}{4}$	38	$5\frac{3}{4}-\frac{1}{16}$
11	$0\frac{1}{2}$	33	$11\frac{1}{2}-\frac{1}{16}$	11	$9\frac{1}{4}$	36	$3\frac{1}{16}$	12	6	38	$6\frac{5}{8}$
11	$0\frac{3}{4}$	34	$0\frac{3}{8}$	11	$9\frac{1}{2}$	36	$3\frac{7}{8}$	12	$6\frac{1}{4}$	38	$7\frac{3}{8}$
11	1	34	$1\frac{1}{8}-\frac{1}{16}$	11	$9\frac{3}{4}$	36	$4\frac{5}{8}$	12	$6\frac{1}{2}$	38	$8\frac{1}{8}$

DIAGONAL MEASUREMENT AT THE ROOT, $1\frac{3}{8}$-INCH.

Diam.		Circum.		Diam.		Circum.		Diam.		Circum.	
Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
12	$6\frac{3}{4}$	38	$8\frac{7}{8}-\frac{1}{16}$	12	$8\frac{3}{4}$	39	$3\frac{1}{4}$	12	$10\frac{3}{4}$	39	$9\frac{1}{2}$
12	7	38	$9\frac{3}{4}$	12	9	39	4	12	11	39	$10\frac{1}{4}-\frac{1}{16}$
12	$7\frac{1}{4}$	38	$10\frac{1}{2}$	12	$9\frac{1}{4}$	39	$4\frac{3}{4}-\frac{1}{16}$	12	$11\frac{1}{4}$	39	$11\frac{1}{16}$
12	$7\frac{1}{2}$	38	$11\frac{1}{4}$	12	$9\frac{1}{2}$	39	$5\frac{1}{2}-\frac{1}{16}$	12	$11\frac{1}{2}$	39	$11\frac{3}{4}-\frac{1}{16}$
12	$7\frac{3}{4}$	39	$0\frac{1}{16}$	12	$9\frac{3}{4}$	39	$6\frac{3}{8}$	12	$11\frac{3}{4}$	40	$0\frac{5}{8}$
12	8	39	$0\frac{7}{8}$	12	10	39	$7\frac{1}{8}$	13	0	40	$1\frac{3}{8}-\frac{1}{16}$
12	$8\frac{1}{4}$	39	$1\frac{5}{8}$	12	$10\frac{1}{4}$	39	$7\frac{7}{8}-\frac{1}{16}$				
12	$8\frac{1}{2}$	39	$2\frac{3}{8}-\frac{1}{16}$	12	$10\frac{1}{2}$	39	$8\frac{5}{8}-\frac{1}{16}$				

TABLE No. 6.

WEIGHT OF ONE SQUARE FOOT OF IRON, COPPER, AND STEEL,

FROM $\frac{1}{16}$ INCH TO 1 INCH THICK.

TABLE No. 6.—WEIGHT OF ONE SQUARE FOOT OF IRON, COPPER, AND STEEL, FROM $\frac{1}{16}$ INCH TO 1 INCH THICK.

Thickness of Plate.	Iron.	Copper.	Steel.	Thickness of Plate.	Iron.	Copper.	Steel.
Inch.	lbs.	lbs.	lbs.	Inch.	lbs.	lbs.	lbs.
$\frac{1}{16}$	2·5	2·8	2·6	$\frac{9}{16}$	22·5	25·8	23·1
$\frac{1}{8}$	5	5·7	5·2	$\frac{5}{8}$	25	28·8	25·6
$\frac{3}{16}$	7·5	8·6	7·9	$\frac{11}{16}$	27·5	31·5	28·2
$\frac{1}{4}$	10	11·6	10·3	$\frac{3}{4}$	30	34·4	30·7
$\frac{5}{16}$	12·5	14·4	12·9	$\frac{13}{16}$	32·5	37·3	33·2
$\frac{3}{8}$	15	17·2	15·4	$\frac{7}{8}$	35	40·2	35·8
$\frac{7}{16}$	17·5	20·1	17·9	$\frac{15}{16}$	37·5	43·1	38·5
$\frac{1}{2}$	20	22·9	20·5	1	40	45·8	40·9

TABLE No. 7.

WEIGHT OF IRON PLATES OF ALL COMMON LENGTHS, BREADTHS, AND THICKNESSES.

FROM $\frac{1}{16}$ TO 1 INCH IN THICKNESS, 12 INCHES TO 48 INCHES IN BREADTH, AND 1 FOOT TO 10 FEET 6 INCHES IN LENGTH.

TABLE No. 7.—WEIGHT OF IRON PLATES OF ALL COMMON LENGTHS, BREADTHS, AND THICKNESSES.

RULE.—To find the weight of any plate whose weight is not contained in the Table, multiply the length by the breadth, both in feet, and multiply the product by the weight of a square foot of plate of the given thickness, as given in Table No. 6. The product is the weight in pounds.

This Table will be found very useful to boilermakers on piecework, who are paid by the hundredweight.

Breadth of Plate.	Thickness $\frac{1}{16}$-Inch.																							
	Length in Feet and Inches.																							
	1 foot.		1 ft. 6 in.		2 feet.		2 ft. 6 in.		3 feet.		3 ft. 6 in.		4 feet.		4 ft. 6 in.		5 feet.		5 ft. 6 in.		6 feet.		6 ft. 6 in.	
in.	c.	qrs.lbs.	c.	qrs.lbs.	c.	qrs.lbs.	c.	qrs.lbs.	c.	qrs.lbs.	c.	qrs.lbs.	c.	qrs.lbs.	c.	qrs.lbs.	c.	qrs.lbs.	c.	qrs.lbs.	c.	qrs.lbs.	c.	qrs.lbs.
12	0	0 2½	0	0 3¾	0	0 5	0	0 6¼	0	0 7½	0	0 8¾	0	0 10	0	0 11¼	0	0 12½	0	0 13¾	0	0 15	0	0 16¼
15	0	0 3¼	0	0 4¾	0	0 6¼	0	0 7¾	0	0 9½	0	0 11	0	0 12½	0	0 14	0	0 15¾	0	0 17¼	0	0 18¾	0	0 20¼
18	0	0 3¾	0	0 5¾	0	0 7½	0	0 9½	0	0 11¼	0	0 13¼	0	0 15	0	0 17	0	0 18¾	0	0 20¾	0	0 22½	0	0 24½
21	0	0 4½	0	0 6½	0	0 8¾	0	0 11	0	0 13¼	0	0 15¼	0	0 17½	0	0 19¾	0	0 22	0	0 24	0	0 26¼	0	0 28½
24	0	0 5	0	0 7½	0	0 10	0	0 12½	0	0 15	0	0 17½	0	0 20	0	0 22½	0	0 25	0	0 27½	0	1 2	0	1 4½
27	0	0 5¾	0	0 8½	0	0 11¼	0	0 14	0	0 17	0	0 19¾	0	0 22½	0	0 25½	0	0 28¼	0	1 3	0	1 5¾	0	1 8½
30	0	0 6¼	0	0 9½	0	0 12½	0	0 15¾	0	0 18¾	0	0 22	0	0 25	0	0 28¼	0	1 3¼	0	1 6½	0	1 9½	0	1 12¾
33	0	0 7	0	0 10¼	0	0 13¾	0	0 17¼	0	0 20¾	0	0 24	0	0 27½	0	1 3	0	1 6½	0	1 9¾	0	1 13¼	0	1 16¾
36	0	0 7½	0	0 11¼	0	0 15	0	0 18¾	0	0 22½	0	0 26¼	0	1 2	0	1 4¾	0	1 9½	0	1 13¼	0	1 17	0	1 20¾

Breadth of Plate.	Thickness $\frac{1}{8}$-Inch.																							
	Length in Feet and Inches.																							
	1 foot.			1 ft. 6 in.			2 feet.			2 ft. 6 in.			3 feet.			3 ft. 6 in.			4 feet.			4 ft. 6 in.			5 feet.			5 ft. 6 in.			6 feet.			6 ft. 6 in.		
in	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs	lbs	c.	qrs.	lbs.	c.	qrs.	lbs	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	0	0	5	0	0	$7\frac{1}{2}$	0	0	10	0	0	$12\frac{1}{2}$	0	0	15	0	0	$17\frac{1}{2}$	0	0	20	0	0	$22\frac{1}{2}$	0	0	25	0	0	$27\frac{1}{2}$	0	1	2	0	1	$4\frac{1}{2}$
15	0	0	$6\frac{1}{4}$	0	0	$9\frac{1}{2}$	0	0	$12\frac{1}{2}$	0	0	$15\frac{1}{2}$	0	0	$18\frac{3}{4}$	0	0	22	0	0	25	0	0	$28\frac{1}{4}$	0	1	$3\frac{1}{4}$	0	1	$6\frac{1}{2}$	0	1	$9\frac{1}{2}$	0	1	$12\frac{1}{2}$
18	0	0	$7\frac{1}{2}$	0	0	$11\frac{1}{4}$	0	0	15	0	0	$18\frac{3}{4}$	0	0	$22\frac{1}{2}$	0	0	$26\frac{1}{4}$	0	1	2	0	1	$5\frac{3}{4}$	0	1	$9\frac{1}{2}$	0	1	$13\frac{1}{4}$	0	1	17	0	1	$20\frac{3}{4}$
21	0	0	$8\frac{3}{4}$	0	0	$13\frac{1}{4}$	0	0	$17\frac{1}{2}$	0	0	$21\frac{3}{4}$	0	0	$26\frac{1}{4}$	0	1	$2\frac{1}{2}$	0	1	7	0	1	$11\frac{1}{2}$	0	1	$15\frac{3}{4}$	0	1	$20\frac{1}{4}$	0	1	$24\frac{1}{2}$	0	2	1
24	0	0	10	0	0	15	0	0	20	0	0	25	0	1	2	0	1	7	0	1	12	0	1	17	0	1	22	0	1	27	0	2	4	0	2	9
27	0	0	$11\frac{1}{4}$	0	0	17	0	0	$22\frac{1}{2}$	0	0	$28\frac{1}{4}$	0	1	$5\frac{3}{4}$	0	1	$11\frac{1}{2}$	0	1	17	0	1	$22\frac{3}{4}$	0	2	$0\frac{1}{4}$	0	2	6	0	2	$11\frac{1}{2}$	0	2	$17\frac{1}{4}$
30	0	0	$12\frac{1}{2}$	0	0	$18\frac{3}{4}$	0	0	25	0	1	$3\frac{1}{4}$	0	1	$9\frac{1}{2}$	0	1	$15\frac{3}{4}$	0	1	22	0	2	$0\frac{1}{4}$	0	2	$6\frac{1}{2}$	0	2	$12\frac{3}{4}$	0	2	19	0	2	$25\frac{1}{4}$
33	0	0	$13\frac{3}{4}$	0	0	$20\frac{1}{2}$	0	0	$27\frac{1}{2}$	0	1	$6\frac{1}{2}$	0	1	$13\frac{1}{4}$	0	1	$20\frac{1}{4}$	0	1	27	0	2	6	0	2	$12\frac{3}{4}$	0	2	$19\frac{1}{2}$	0	2	$26\frac{1}{2}$	0	3	$5\frac{1}{2}$
36	0	0	15	0	0	$22\frac{1}{2}$	0	1	2	0	1	$9\frac{1}{2}$	0	1	17	0	1	$24\frac{1}{2}$	0	2	4	0	2	$11\frac{1}{2}$	0	2	19	0	2	$26\frac{1}{2}$	0	3	6	0	3	$13\frac{1}{2}$
39	0	0	$16\frac{1}{4}$	0	0	$24\frac{1}{2}$	0	1	$4\frac{1}{2}$	0	1	$12\frac{1}{2}$	0	1	$20\frac{3}{4}$	0	2	1	0	2	9	0	2	$17\frac{1}{4}$	0	2	$25\frac{1}{4}$	0	3	$5\frac{1}{2}$	0	3	$13\frac{1}{2}$	0	3	$21\frac{1}{2}$
42	0	0	$17\frac{1}{2}$	0	0	$26\frac{1}{4}$	0	1	7	0	1	$15\frac{3}{4}$	0	1	$24\frac{1}{2}$	0	2	$5\frac{1}{4}$	0	2	14	0	2	$22\frac{3}{4}$	0	3	$3\frac{1}{2}$	0	3	$12\frac{1}{4}$	0	3	21	1	0	$1\frac{3}{4}$

Breadth of Plate.	Thickness $\frac{3}{16}$-Inch.																							
	Length in Feet and Inches.																							
	1 foot.			1 ft. 6 in.			2 feet.			2 ft. 6 in.			3 feet.			3 ft. 6 in.			4 feet.			4 ft. 6 in.			5 feet.			5 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	0	0	7½	0	0	11¼	0	0	15	0	0	18¾	0	0	22½	0	0	26¼	0	1	2	0	1	5¾	0	1	9½	0	1	13¼
15	0	0	9½	0	0	14	0	0	18¾	0	0	23½	0	1	0¼	0	1	4¾	0	1	9½	0	1	14¼	0	1	19	0	1	23½
18	0	0	11¼	0	0	17	0	0	22½	0	1	0¼	0	1	5¾	0	1	11½	0	1	17	0	1	22¾	0	2	0¼	0	2	6
21	0	0	13¼	0	0	19¾	0	0	26¼	0	1	4¾	0	1	11½	0	1	18	0	1	24½	0	2	3	0	2	9¾	0	2	16¼
24	0	0	15	0	0	22½	0	1	2	0	1	9½	0	1	15	0	1	24½	0	2	4	0	2	11½	0	2	19	0	2	26½
27	0	0	17	0	0	25¼	0	1	5¾	0	1	14¼	0	1	22¾	0	2	3	0	2	11½	0	2	20	0	3	0½	0	3	8½
30	0	0	18¾	0	1	0¼	0	1	9½	0	1	19	0	2	0¼	0	2	9¾	0	2	19	0	3	0½	0	3	9¾	0	3	19¼
33	0	0	20¾	0	1	3	0	1	13¼	0	1	23½	0	2	6	0	2	16¼	0	2	26½	0	3	8¾	0	3	19¼	1	0	1½
36	0	0	22½	0	1	5¾	0	1	17	0	2	0¼	0	2	11½	0	2	22¾	0	3	6	0	3	17¼	1	0	0½	1	0	11¾
39	0	0	24½	0	1	8½	0	1	20¾	0	2	5	0	2	17¼	0	3	1¼	0	3	13½	0	3	25¾	1	0	10	1	0	22
42	0	0	26¼	0	1	11½	0	1	24½	0	2	9¾	0	2	22¾	0	3	8	0	3	21	1	0	6¼	1	0	19¼	1	1	4½
45	0	1	0¼	0	1	14¼	0	2	0¼	0	2	14¼	0	3	0½	0	3	14½	1	0	0½	1	0	14½	1	1	0¾	1	1	14¾
48	0	1	2	0	1	17	0	2	4	0	2	19	0	3	6	0	3	21	1	0	8	1	0	23	1	1	10	1	1	25

Breadth of Plate.	Thickness, $\frac{3}{16}$-Inch—(*continued*).																							
	Length in Feet and Inches.																							
	6 feet.			6 ft. 6 in.			7 feet.			7 ft. 6 in.			8 feet.			8 ft. 6 in.			9 feet.			9 ft. 6 in.			10 feet.			10 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	0	1	17	0	1	20¾	0	1	24½	0	2	0¼	0	2	4	0	2	7¾	0	2	11½	0	2	15¼	0	2	19	0	2	22¾
15	0	2	0¼	0	2	5	0	2	9¾	0	2	14¼	0	2	19	0	2	23¾	0	3	0½	0	3	5	0	3	9¾	0	3	14½
18	0	2	11½	0	2	17¼	0	2	22¾	0	3	0½	0	3	6	0	3	11¾	0	3	17¼	0	3	23	1	0	0½	1	0	6¼
21	0	2	22¾	0	3	1¼	0	3	8	0	3	14½	0	3	21	0	3	27½	1	0	6¼	1	0	12¾	1	0	19¼	1	0	25¾
24	0	3	6	0	3	13½	0	3	21	1	0	0½	1	0	8	1	0	15½	1	0	23	1	1	2½	1	1	10	1	1	17½
27	0	3	17¼	0	3	25¾	1	0	6¼	1	0	14½	1	0	23	1	1	3½	1	1	12	1	1	20	1	2	0¾	1	2	9¼
30	1	0	0½	1	0	10	1	0	18¼	1	1	0¾	1	1	10	1	1	19½	1	2	0¾	1	2	10¼	1	2	19½	1	3	1
33	1	0	11¾	1	0	22	1	1	4½	1	1	14¾	1	1	25	1	2	7¼	1	2	17¾	1	3	0	1	3	10¼	1	3	20½
36	1	0	23	1	1	6¼	1	1	17½	1	2	0¾	1	2	12	1	2	23¼	1	3	6½	1	3	17¾	2	0	1	2	0	12¼
39	1	1	6¼	1	1	18½	1	2	2¾	1	2	14¾	1	2	27	1	3	11¼	1	3	23½	2	0	7½	2	0	19¾	2	1	4
42	1	1	17½	1	2	2¾	1	2	15¾	1	3	1	1	3	14	1	3	27¼	2	0	12¼	2	0	25½	2	1	10½	2	1	25¾
45	1	2	0¾	1	2	14¾	1	3	1	1	3	15	2	0	1	2	0	15	2	1	1¼	2	1	15¼	2	2	1¼	2	2	15¼
48	1	2	12	1	2	27	1	3	14	2	0	1	2	0	16	2	1	3	2	1	18	2	2	5	2	2	20	2	3	7

Breadth of Plate.	Thickness, ¼-Inch.																							
	Length in Feet and Inches.																							
	1 foot.			1 ft. 6 in.			2 feet.			2 ft. 6 in.			3 feet.			3 ft. 6 in.			4 feet.			4 ft. 6 in.			5 feet.			5 ft. 6 in.		
in.	c.	qrs	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	0	0	10	0	0	15	0	0	20	0	0	25	0	1	2	0	1	7	0	1	12	0	1	17	0	1	22	0	1	27
15	0	0	12½	0	0	18¾	0	0	25	0	1	3¼	0	1	9½	0	1	15¾	0	1	22	0	2	0¼	0	2	6½	0	2	12¾
18	0	0	15	0	0	22½	0	1	2	0	1	9½	0	1	17	0	1	24½	0	2	4	0	2	11½	0	2	19	0	2	26½
21	0	0	17½	0	0	26¼	0	1	7	0	1	15¾	0	1	24½	0	2	5¼	0	2	14	0	2	22¾	0	3	3½	0	3	12¼
24	0	0	20	0	1	2	0	1	12	0	1	22	0	2	4	0	2	14	0	2	24	0	3	6	0	3	16	0	3	26
27	0	0	22½	0	1	5¾	0	1	17	0	2	0¼	0	2	11½	0	2	22¾	0	3	6	0	3	17¼	1	0	0½	1	0	11¾
30	0	0	25	0	1	9½	0	1	22	0	2	6½	0	2	19	0	3	3½	0	3	16	1	0	0½	1	0	13	1	0	25½
33	0	0	27½	0	1	13¼	0	1	27	0	2	12¾	0	2	26½	0	3	12¼	0	3	26	1	0	11¾	1	0	25½	1	1	11¼
36	0	1	2	0	1	17	0	2	4	0	2	19	0	3	6	0	3	21	1	0	8	1	0	23	1	1	10	1	1	25
39	0	1	4½	0	1	20¾	0	2	9	0	2	25¼	0	3	13½	1	0	1¾	1	0	18	1	1	6¼	1	1	22½	1	2	10¾
42	0	1	7	0	1	24½	0	2	14	0	3	3½	0	3	21	1	0	10½	1	1	0	1	1	17½	1	2	7	1	2	24½
45	0	1	9½	0	2	0¼	0	2	19	0	3	9¾	1	0	0½	1	0	19¼	1	1	10	1	2	0¾	1	2	19½	1	3	10¼
48	0	1	12	0	2	4	0	2	24	0	3	16	1	0	8	1	1	0	1	1	20	1	2	12	1	3	4	1	3	24

Breadth of Plate.	Thickness, ¼-Inch—(*continued*).																							
	Length in Feet and Inches.																							
	6 feet.			6 ft. 6 in.			7 feet.			7 ft. 6 in.			8 feet.			8 ft. 6 in.			9 feet.			9 ft. 6 in.			10 feet.			10 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	0	2	4	0	2	9	0	2	14	0	2	19	0	2	24	0	3	1	0	3	6	0	3	11	0	3	16	0	3	21
15	0	2	19	0	2	25¼	0	3	3½	0	3	9¾	0	3	16	0	3	22¼	1	0	0½	1	0	6¾	1	0	13	1	0	19¼
18	0	3	6	0	3	13½	0	3	21	1	0	0½	1	0	8	1	0	15½	1	0	23	1	1	2½	1	1	10	1	1	17½
21	0	3	21	1	0	1¾	1	0	10½	1	0	19¼	1	1	0	1	1	8¾	1	1	17½	1	1	26¼	1	2	7	1	2	15¾
24	1	0	8	1	0	18	1	1	0	1	1	10	1	1	20	1	2	2	1	2	12	1	2	22	1	3	4	1	3	14
27	1	0	23	1	1	6¼	1	1	17½	1	2	0¾	1	2	12	1	2	23¼	1	3	6½	1	3	17¾	2	0	1	2	0	12¼
30	1	1	10	1	1	22½	1	2	7	1	2	19½	1	3	4	1	3	16½	2	0	1	2	0	13½	2	0	26	2	1	10½
33	1	1	25	1	2	10¾	1	2	24½	1	3	10¼	1	3	24	2	0	9¾	2	0	23½	2	1	9¼	2	1	23	2	2	8¾
36	1	2	12	1	2	27	1	3	14	2	0	1	2	0	16	2	1	3	2	1	18	2	2	3	2	2	20	2	3	7
39	1	2	27	1	3	15¼	2	0	3½	2	0	19¾	2	1	8	2	1	24¼	2	2	12½	2	3	0¾	2	3	17	3	0	5¼
42	1	3	14	2	0	3½	2	0	21	2	1	10½	2	2	0	2	2	17½	2	3	7	2	3	24½	3	0	14	3	1	3½
45	2	0	1	2	0	19¾	2	1	10½	2	2	1¼	2	2	20	2	3	10¾	3	0	1½	3	0	20¼	3	1	11	3	2	1¾
48	2	0	16	2	1	8	2	2	0	2	2	20	2	3	12	3	0	4	3	0	24	3	1	16	3	2	8	3	3	0

Breadth of Plate.	Thickness, $\frac{5}{16}$-Inch.																										
	Length in Feet and Inches.																										
	1 foot.			1 ft. 6 in.			2 feet.			2 ft. 6 in.			3 feet.			3 ft. 6 in.			4 feet.			4 ft. 6 in.			5 feet.			5 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	0	0	$12\frac{1}{2}$	0	0	$18\frac{3}{8}$	0	0	25	0	1	$3\frac{1}{4}$	0	1	$9\frac{1}{2}$	0	1	$15\frac{3}{4}$	0	1	22	0	2	$0\frac{1}{4}$	0	2	$6\frac{1}{2}$	0	2	$12\frac{3}{4}$
15	0	0	$15\frac{3}{4}$	0	0	$23\frac{1}{2}$	0	1	$3\frac{1}{4}$	0	1	11	0	1	$18\frac{3}{4}$	0	1	$26\frac{1}{2}$	0	2	$6\frac{1}{2}$	0	2	$14\frac{1}{4}$	0	2	$22\frac{1}{4}$	0	3	2
18	0	0	$18\frac{3}{4}$	0	1	$1\frac{1}{4}$	0	1	$9\frac{1}{2}$	0	1	19	0	2	$0\frac{1}{4}$	0	2	$9\frac{3}{4}$	0	2	19	0	3	$0\frac{1}{2}$	0	3	$9\frac{3}{4}$	0	3	$19\frac{1}{4}$
21	0	0	22	0	1	$4\frac{3}{4}$	0	1	$15\frac{3}{4}$	0	1	$26\frac{3}{4}$	0	2	$9\frac{3}{4}$	0	2	$20\frac{1}{2}$	0	3	$3\frac{1}{2}$	0	3	$14\frac{1}{2}$	0	3	$25\frac{1}{2}$	1	0	$8\frac{1}{4}$
24	0	0	25	0	1	$9\frac{1}{2}$	0	1	22	0	2	$6\frac{1}{2}$	0	2	19	0	3	$3\frac{1}{2}$	0	3	16	1	0	$0\frac{1}{2}$	1	0	13	1	0	$25\frac{1}{2}$
27	0	1	$0\frac{1}{4}$	0	1	$12\frac{1}{4}$	0	2	$0\frac{1}{4}$	0	2	$14\frac{1}{4}$	0	3	$0\frac{1}{2}$	0	3	$14\frac{1}{2}$	1	0	$0\frac{1}{2}$	1	0	$14\frac{1}{2}$	1	1	$0\frac{3}{4}$	1	1	$14\frac{3}{4}$
30	0	1	$3\frac{1}{4}$	0	1	19	0	2	$6\frac{1}{2}$	0	2	$22\frac{1}{4}$	0	3	$9\frac{3}{4}$	0	3	$25\frac{1}{2}$	1	0	13	1	1	$0\frac{3}{4}$	1	1	$16\frac{1}{4}$	1	2	4
33	0	1	$6\frac{1}{2}$	0	1	$23\frac{1}{2}$	0	2	$12\frac{3}{4}$	0	3	2	0	3	$19\frac{1}{4}$	1	0	$8\frac{1}{4}$	1	0	$25\frac{1}{2}$	1	1	$14\frac{3}{4}$	1	2	4	1	2	21
36	0	1	$9\frac{1}{2}$	0	2	$0\frac{1}{4}$	0	2	19	0	3	$9\frac{3}{4}$	1	0	$0\frac{1}{2}$	1	0	$19\frac{1}{4}$	1	1	10	1	2	$0\frac{3}{4}$	1	2	$19\frac{1}{2}$	1	3	$10\frac{1}{4}$
39	0	1	$12\frac{3}{4}$	0	2	5	0	2	$25\frac{1}{4}$	0	3	$17\frac{1}{2}$	1	0	10	1	1	$2\frac{1}{4}$	1	1	$22\frac{1}{2}$	1	2	$14\frac{3}{4}$	1	3	$7\frac{1}{4}$	1	3	$27\frac{1}{2}$
42	0	1	$15\frac{3}{4}$	0	2	$9\frac{3}{4}$	0	3	$3\frac{1}{2}$	0	3	$25\frac{1}{2}$	1	0	$19\frac{1}{4}$	1	1	$13\frac{1}{4}$	1	2	7	1	3	1	1	3	$22\frac{3}{4}$	2	0	$16\frac{3}{4}$
45	0	1	19	0	2	$14\frac{1}{4}$	0	3	$9\frac{3}{4}$	1	0	$5\frac{1}{4}$	1	1	$0\frac{3}{4}$	1	1	24	1	2	$19\frac{1}{2}$	1	3	15	2	0	$10\frac{1}{2}$	2	1	$5\frac{3}{4}$
48	0	1	22	0	2	19	0	3	16	1	0	13	1	1	10	1	2	7	1	3	4	2	0	1	2	0	26	2	1	23

Breadth of Plate.	Thickness, $\frac{9}{16}$-Inch—(*continued*).																							
	Length in Feet and Inches.																							
	6 feet.			6 ft. 6 in.			7 feet.			7 ft. 6 in.			8 feet.			8 ft. 6 in.			9 feet.			9 ft. 6 in.			10 feet.			10 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	0	2	19	0	2	25¼	0	3	3½	0	3	9¾	0	3	16	0	3	22¼	1	0	0½	1	0	6¾	1	0	13	1	0	19¼
15	0	3	9½	0	3	17½	0	3	25¼	1	0	5¼	1	0	13	1	0	20¾	1	1	0½	1	1	8½	1	1	16½	1	1	24½
18	1	0	0½	1	0	10	1	0	19¼	1	1	0¾	1	1	10	1	1	19½	1	2	0¾	1	2	10¼	1	2	19½	1	3	1
21	1	0	19¼	1	1	2¼	1	1	13¼	1	1	24	1	2	7	1	2	18	1	3	1	1	3	11¾	1	3	22¾	2	0	5¾
24	1	1	10	1	1	22½	1	2	7	1	2	19½	1	3	4	1	3	16½	2	0	1	2	0	13½	2	0	26	2	1	10½
27	1	2	0¾	1	2	14¾	1	3	1	1	3	15	2	0	1	2	0	15	2	1	1¼	2	1	15¼	2	2	1¼	2	2	15¼
30	1	2	19½	1	3	7¼	1	3	22¾	2	0	10½	2	0	26	2	1	13¾	2	2	1¼	2	2	17	2	3	4½	2	3	20¼
33	1	3	10¼	1	3	27½	2	0	16¾	2	1	5¾	2	1	23	2	2	12¼	2	3	1½	2	3	18½	3	0	7¾	3	0	25
36	2	0	1	2	0	19¾	2	1	10½	2	2	1¼	2	2	20	2	3	10¾	3	0	1½	3	0	20¼	3	1	11	3	2	1¾
39	2	0	19¾	2	1	12	2	2	4½	2	2	24¾	2	3	17	3	0	9¼	3	1	1¾	3	1	22	3	2	14¼	3	3	6½
42	2	1	10½	2	2	4½	2	2	26¼	2	3	20¼	3	0	14	3	1	8	3	2	1¾	3	2	23¾	3	3	17½	4	0	11½
45	2	2	1¼	2	2	24¾	2	3	20¼	3	0	15½	3	1	11	3	2	6½	3	3	2	3	3	25¼	4	0	20¾	4	1	16¼
48	2	2	20	2	3	17	3	0	14	3	1	11	3	2	8	3	3	5	4	0	2	4	0	27	4	1	24	4	2	21

Breadth of Plate.	Thickness, $\frac{3}{8}$-Inch.																										
	Length in Feet and Inches.																										
	1 foot.			1 ft. 6 in.			2 feet.			2 ft 6 in.			3 feet.			3 ft. 6 in.			4 feet.			4 ft. 6 in.			5 feet.			5 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	0	0	15	0	0	22½	0	1	2	0	1	9½	0	1	17	0	1	24½	0	2	4	0	2	11½	0	2	19	0	2	26½
15	0	0	18¾	0	1	0	0	1	9½	0	1	19	0	2	0¼	0	2	9½	0	2	19	0	3	0½	0	3	9¾	0	3	19
18	0	0	22½	0	1	5¾	0	1	17	0	2	0¼	0	2	11½	0	2	22¾	0	3	6	0	3	17¼	1	0	0½	1	0	11¾
21	0	0	26¼	0	1	11½	0	1	24½	0	2	9½	0	2	22¾	0	3	8	0	3	21	1	0	6	1	0	19¼	1	1	4½
24	0	1	2	0	1	17	0	2	4	0	2	19	0	3	6	0	3	21	1	0	8	1	0	23	1	1	10	1	1	25
27	0	1	5¾	0	1	22½	0	2	11½	0	3	0½	0	3	17¼	1	0	6	1	0	23	1	1	12	1	2	0¾	1	2	17½
30	0	1	9½	0	2	0¼	0	2	19	0	3	9¾	1	0	0½	1	0	19¼	1	1	10	1	2	0¾	1	2	19½	1	3	10¼
33	0	1	13¼	0	2	6	0	2	26½	0	3	19	1	0	11¾	1	1	4½	1	1	25	1	2	17½	1	3	10¼	2	0	3
36	0	1	17	0	2	11½	0	3	6	1	0	0½	1	0	23	1	1	17½	1	2	12	1	3	6½	2	0	1	2	0	23½
39	0	1	20¾	0	2	17	0	3	13½	1	0	9¾	1	1	6¼	1	2	2½	1	2	27	1	3	23¼	2	0	19¾	2	1	16
42	0	0	24½	0	2	22¾	0	3	21	1	0	19¼	1	1	17½	1	2	15¾	1	3	14	2	0	12¼	2	1	10½	2	2	8¾
45	0	2	0¼	0	3	0½	1	0	0½	1	1	0½	1	2	0¾	1	3	1	2	0	1	2	1	1	2	2	1¼	2	3	1½
48	0	2	4	0	3	6	1	0	8	1	1	10	1	2	12	1	3	14	2	0	16	2	1	18	2	2	20	2	3	22

Breadth of Plate.	Thickness, $\frac{3}{8}$-Inch—(*continued*). Length in Feet and Inches.																							
	6 feet			6 ft. 6 in.			7 feet.			7 ft. 6 in.			8 feet.			8 ft. 6 in.			9 feet.			9 ft. 6 in.			10 feet.			10 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	0	3	6	0	3	$13\frac{1}{2}$	0	3	21	1	0	$0\frac{1}{2}$	1	0	8	1	0	$15\frac{1}{2}$	1	0	23	1	1	$2\frac{1}{2}$	1	1	10	1	1	$17\frac{1}{2}$
15	1	0	$0\frac{1}{2}$	1	0	10	1	0	$19\frac{1}{4}$	1	1	$0\frac{1}{2}$	1	1	10	1	1	$19\frac{1}{2}$	1	2	$0\frac{3}{4}$	1	2	10	1	2	$19\frac{1}{2}$	1	3	1
18	1	0	23	1	1	$6\frac{1}{4}$	1	1	$17\frac{1}{2}$	1	2	$0\frac{3}{4}$	1	2	12	1	2	$23\frac{1}{4}$	1	3	$6\frac{1}{2}$	1	3	$17\frac{3}{4}$	2	0	1	2	0	$12\frac{1}{4}$
21	1	1	$17\frac{1}{2}$	1	2	$2\frac{1}{2}$	1	2	$15\frac{3}{4}$	1	3	1	1	3	14	1	3	27	2	0	$12\frac{1}{4}$	2	0	$25\frac{1}{2}$	2	1	$10\frac{1}{2}$	2	1	$23\frac{1}{2}$
24	1	2	12	1	2	27	1	3	14	2	0	1	2	0	16	2	1	3	2	1	18	2	2	5	2	2	20	2	3	7
27	1	3	$6\frac{1}{2}$	1	3	$23\frac{1}{2}$	2	0	$12\frac{1}{4}$	2	1	1	2	1	18	2	2	7	2	2	$23\frac{3}{4}$	2	3	12	3	0	$1\frac{1}{2}$	3	0	$18\frac{1}{2}$
30	2	0	1	2	0	$19\frac{3}{4}$	2	1	$10\frac{1}{2}$	2	2	$1\frac{1}{4}$	2	2	20	2	3	$10\frac{3}{4}$	3	0	$1\frac{1}{2}$	3	0	$20\frac{1}{4}$	3	1	11	3	2	$1\frac{3}{4}$
33	2	0	$23\frac{1}{2}$	2	1	16	2	2	8	2	3	$1\frac{1}{4}$	2	3	22	3	0	$14\frac{1}{2}$	3	1	$7\frac{1}{4}$	3	2	0	3	2	$20\frac{1}{2}$	3	3	13
36	2	1	18	2	2	$12\frac{1}{2}$	2	3	7	3	0	$1\frac{1}{2}$	3	0	24	3	1	$18\frac{1}{2}$	3	2	13	3	3	$7\frac{1}{2}$	4	0	2	4	0	$24\frac{1}{2}$
39	2	2	$12\frac{1}{2}$	2	3	$9\frac{3}{4}$	3	0	$5\frac{1}{4}$	3	1	$1\frac{1}{2}$	3	1	26	3	2	$22\frac{1}{4}$	3	3	$18\frac{3}{4}$	4	0	15	4	1	$11\frac{1}{2}$	4	2	$7\frac{3}{4}$
42	2	3	7	3	0	$5\frac{1}{4}$	3	1	$3\frac{1}{2}$	3	2	$1\frac{3}{4}$	3	3	0	3	3	$26\frac{1}{4}$	4	0	$24\frac{1}{2}$	4	1	$22\frac{3}{4}$	4	2	21	4	3	$19\frac{1}{4}$
45	3	0	$1\frac{1}{2}$	3	1	$1\frac{1}{2}$	3	2	$1\frac{3}{4}$	3	3	2	4	0	2	4	1	2	4	2	$2\frac{1}{4}$	4	3	$2\frac{1}{2}$	5	0	$2\frac{1}{2}$	5	1	$2\frac{1}{2}$
48	3	0	24	3	1	26	3	3	0	4	0	2	4	1	4	4	2	6	4	3	8	5	0	10	5	1	12	5	2	14

Breadth of Plate.	Thickness, $\frac{7}{16}$-Inch. Length in Feet and Inches.																													
	1 foot			1 ft. 6 in.			2 feet.			2 ft. 6 in.			3 feet.			3 ft. 6 in.			4 feet.			4 ft. 6 in.			5 feet.			5 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	0	0	17½	0	0	26¼	0	1	7	0	1	15¾	0	1	24½	0	2	5¼	0	2	14	0	2	22¾	0	3	3½	0	3	12¼
15	0	0	22	0	1	4¾	0	1	15¾	0	1	26¾	0	2	9¾	0	2	20½	0	3	3½	0	3	14½	0	3	25½	1	0	8¼
18	0	0	26¼	0	1	11½	0	1	24½	0	2	9¾	0	2	22¾	0	3	8	0	3	21	1	0	6¼	1	0	19¼	1	1	4½
21	0	1	2¾	0	1	18	0	2	5¼	0	2	20½	0	3	8	0	3	23	1	0	10	1	0	25¾	1	1	13¼	1	2	0⅛
24	0	1	7	0	1	24½	0	2	14	0	3	3½	0	3	21	1	0	10½	1	1	0	1	1	17½	1	2	7	1	2	24½
27	0	1	11½	0	2	3	0	2	22¾	0	3	14½	1	0	6¼	1	0	25¾	1	1	17½	1	2	9	1	3	1	1	3	20½
30	0	1	15¾	0	2	9¾	0	3	3½	0	3	25½	1	0	19¼	1	1	13¼	1	2	7	1	3	1	1	3	22¾	2	0	16¾
33	0	1	20¼	0	2	16¼	0	3	12¼	1	0	8¼	1	1	4½	1	2	0½	1	2	24½	1	3	20½	2	0	16¾	2	1	12½
36	0	1	22½	0	2	22¾	0	3	21	1	0	19¼	1	1	17½	1	2	15¾	1	3	14	2	0	12¼	2	1	10½	2	2	8¾
39	0	2	1	0	3	1¼	1	0	1¾	1	1	2¼	1	2	2¾	1	3	3	2	0	3½	2	1	4	2	2	4½	2	3	4¾
42	0	2	5¼	0	3	8	1	0	10½	1	1	13¼	1	2	15¾	1	3	18½	2	0	21	2	1	23¾	2	2	26¼	3	0	1
45	0	2	9¾	0	3	14½	1	0	19¼	1	1	24	1	3	1	2	0	5¾	2	1	10½	2	2	15¼	2	3	20¼	3	0	25
48	0	2	14	0	3	21	1	1	0	1	2	7	1	3	14	2	0	21	2	2	0	2	3	7	3	0	14	3	1	21

Breadth of Plate.	Thickness, $\frac{7}{16}$-Inch—(*continued*).																							
	Length in Feet and Inches.																							
	6 feet.			6 ft. 6 in.			7 feet.			7 ft. 6 in.			8 feet.			8 ft. 6 in.			9 feet.			9 ft. 6 in.			10 feet.			10 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs	lbs.	c.	qrs.	lbs	c	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	0	3	21	1	0	$1\frac{3}{4}$	1	0	$10\frac{1}{2}$	1	0	$19\frac{1}{2}$	1	1	0	1	1	$8\frac{3}{4}$	1	1	$17\frac{1}{2}$	1	1	$26\frac{1}{4}$	1	2	7	1	2	$15\frac{3}{4}$
15	1	0	$19\frac{1}{4}$	1	1	2	1	1	$13\frac{1}{4}$	1	1	24	1	2	7	1	2	18	1	3	1	1	3	$11\frac{3}{4}$	1	3	$22\frac{3}{4}$	2	0	$5\frac{1}{2}$
18	1	1	$17\frac{1}{2}$	1	2	$2\frac{3}{4}$	1	2	$15\frac{3}{4}$	1	3	1	1	3	14	1	3	$27\frac{1}{4}$	2	0	$12\frac{1}{4}$	2	0	$25\frac{1}{2}$	2	1	$10\frac{1}{2}$	2	1	$23\frac{3}{4}$
21	1	2	$15\frac{3}{4}$	1	3	3	1	3	$18\frac{1}{2}$	2	0	$5\frac{1}{2}$	2	0	21	2	1	$8\frac{1}{4}$	2	1	$23\frac{3}{4}$	2	2	11	2	2	$26\frac{1}{4}$	2	3	$13\frac{1}{2}$
24	1	3	14	2	0	$3\frac{1}{2}$	2	0	21	2	1	$10\frac{1}{2}$	2	2	0	2	2	$17\frac{1}{2}$	2	3	7	2	3	$24\frac{1}{2}$	3	0	14	3	1	$3\frac{1}{2}$
27	2	0	$12\frac{1}{4}$	2	1	4	2	1	$23\frac{3}{4}$	2	2	$15\frac{1}{4}$	2	3	7	2	3	$26\frac{1}{2}$	3	0	$18\frac{1}{2}$	3	1	10	3	2	$1\frac{3}{4}$	3	2	$21\frac{1}{2}$
30	2	1	$10\frac{1}{2}$	2	2	$4\frac{1}{2}$	2	2	$26\frac{1}{4}$	2	3	$20\frac{1}{4}$	3	0	14	3	1	8	3	2	$1\frac{3}{4}$	3	2	$23\frac{3}{4}$	3	3	$17\frac{1}{2}$	4	0	$11\frac{1}{2}$
33	2	2	$8\frac{3}{4}$	2	3	$4\frac{3}{4}$	3	0	0	3	0	25	3	1	21	3	2	17	3	3	$13\frac{1}{4}$	4	0	$9\frac{1}{4}$	4	1	$5\frac{1}{4}$	4	2	$1\frac{1}{4}$
36	2	3	7	3	0	$5\frac{1}{4}$	3	1	$3\frac{1}{2}$	3	2	$1\frac{3}{4}$	3	3	0	3	3	$26\frac{1}{4}$	4	0	$24\frac{1}{2}$	4	1	$22\frac{3}{4}$	4	2	21	4	3	$19\frac{1}{4}$
39	3	0	$5\frac{1}{4}$	3	1	$5\frac{1}{2}$	3	2	$6\frac{1}{4}$	3	3	$6\frac{1}{2}$	4	0	7	4	1	$7\frac{1}{2}$	4	2	8	4	3	$8\frac{1}{4}$	5	0	$8\frac{3}{4}$	5	1	9
42	3	1	$3\frac{1}{2}$	3	2	$6\frac{1}{4}$	3	3	$8\frac{3}{4}$	4	0	$11\frac{1}{2}$	4	1	14	4	2	$16\frac{3}{4}$	4	3	$19\frac{1}{4}$	5	0	22	5	1	$24\frac{1}{2}$	5	2	$27\frac{1}{4}$
45	3	2	$1\frac{3}{4}$	3	3	$6\frac{1}{2}$	3	3	$19\frac{1}{2}$	4	1	$16\frac{1}{4}$	4	2	21	4	3	$25\frac{3}{4}$	5	1	$2\frac{3}{4}$	5	2	$7\frac{1}{2}$	5	3	$12\frac{1}{4}$	6	0	17
48	3	3	0	4	0	7	4	1	14	4	2	21	5	0	0	5	1	7	5	2	14	5	3	21	6	1	0	6	2	7

Breadth of Plate.	Thickness, ½-Inch.																							
	Length in Feet and Inches.																							
	1 foot.			1 ft. 6 in.			2 feet.			2 ft. 6 in.			3 feet.			3 ft. 6 in.			4 feet.			4 ft. 6 in.			5 feet.			5 ft. 6 in.		
in.	c.	qrs	lbs.	c	qrs.	lbs.	c.	qrs.	lbs.	c	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	0	0	20	0	1	2	0	1	12	0	1	22	0	2	4	0	2	14	0	2	24	0	3	6	0	3	16	0	3	26
15	0	0	25	0	1	9½	0	1	22	0	2	6½	0	2	19	0	3	3½	0	3	16	1	0	0½	1	0	13	1	0	25½
18	0	1	2	0	1	17	0	2	4	0	2	19	0	3	6	0	3	21	1	0	8	1	0	23	1	1	10	1	1	25
21	0	1	7	0	1	22½	0	2	14	0	3	3½	0	3	21	1	0	10½	1	1	0	1	1	17½	1	2	7	1	2	24½
24	0	1	12	0	2	4	0	2	24	0	3	16	1	0	8	1	1	0	1	1	20	1	2	12	1	3	4	1	3	24
27	0	1	17	0	2	11½	0	3	6	1	0	0½	1	0	23	1	1	17½	1	2	12	1	3	6½	2	0	1	2	0	23½
30	0	1	22	0	2	19	0	3	16	1	0	13	1	1	10	1	2	7	1	3	4	2	0	1	2	0	26	2	1	23
33	0	1	27	0	2	26½	0	3	26	1	0	25½	1	1	25	1	2	24½	1	3	24	2	0	23½	2	1	23	2	2	22
36	0	2	4	0	3	6	1	0	8	1	1	10	1	2	12	1	3	14	2	0	16	2	1	18	2	2	20	2	3	22
39	0	2	9	0	3	13½	1	0	18	1	1	22½	1	2	27	2	0	3½	2	1	8	2	2	12½	2	3	17	3	0	21½
42	0	2	14	0	3	21	1	1	0	1	2	7	1	3	14	2	0	21	2	2	0	2	3	7	3	0	14	3	1	21
45	0	2	19	1	0	0½	1	1	10	1	2	19½	2	0	1	2	1	10½	2	2	20	3	0	1½	3	1	11	3	2	20½
48	0	2	24	1	0	8	1	1	20	1	3	4	2	0	16	2	2	0	2	3	12	3	0	24	3	2	8	3	3	20

Breadth of Plate.	Thickness, ½-Inch—(*continued*).																							
	Length in Feet and Inches.																							
	6 feet.			6 ft. 6 in.			7 feet.			7 ft. 6 in.			8 feet.			8 ft. 6 in.			9 feet.			9 ft. 6 in.			10 feet.			10 ft. 6 in.		
in.	c.	qrs.	lbs.	c	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs	c.	qrs.	lbs.	c.	qrs.	lbs.
12	1	0	8	1	0	18	1	1	0	1	1	10	1	1	20	1	2	2	1	2	12	1	2	22	1	3	4	1	3	14
15	1	1	10	1	1	22½	1	2	7	1	2	19½	1	3	4	1	3	16½	2	0	1	2	0	13½	2	0	26	2	1	10½
18	1	2	12	1	2	27	1	3	14	2	0	1	2	0	16	2	1	3	2	1	18	2	2	5	2	2	20	2	3	5
21	1	3	14	2	0	3½	2	0	21	2	1	10½	2	2	0	2	2	17½	2	3	7	2	3	24½	3	0	14	3	1	3½
24	2	0	16	2	1	8	2	2	0	2	2	20	2	3	12	3	0	4	3	0	24	3	1	16	3	2	8	3	3	0
27	2	1	18	2	2	12½	2	3	7	3	0	1½	3	0	24	3	1	18½	3	2	13	3	3	7½	4	0	2	4	0	24½
30	2	2	20	2	3	17	3	0	14	3	1	11	3	2	8	3	3	5	4	0	2	4	0	27	4	1	24	4	2	21
33	2	3	22	3	0	21½	3	1	21	3	2	20½	3	3	20	4	0	19½	4	1	19	4	2	18½	4	3	18	5	0	17½
36	3	0	24	3	1	26	3	3	0	4	0	2	4	1	4	4	2	6	4	3	8	5	0	10	5	1	12	5	2	14
39	3	1	26	3	3	2½	4	0	7	4	1	11½	4	2	16	4	3	20½	5	0	25	5	2	1½	5	3	6	6	0	10½
42	3	3	0	4	0	7	4	1	14	4	2	21	5	0	0	5	1	7	5	2	14	5	3	21	6	1	0	6	2	7
45	4	0	2	4	1	11½	4	2	21	5	0	2½	5	1	12	5	2	21½	6	0	3	6	1	12½	6	2	22	7	0	3½
48	4	1	4	4	2	16	5	0	0	5	1	12	5	2	24	6	0	8	6	1	20	6	3	4	7	0	16	7	2	0

Breadth of Plate.	Thickness, $\frac{9}{16}$-Inch.																													
	Length in Feet and Inches.																													
	1 foot.			1 ft. 6 in.			2 feet.			2 ft 6 in.			3 feet.			3 ft. 6 in.			4 feet.			4 ft. 6 in.			5 feet.			5 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	0	0	22½	0	1	5¾	0	1	17	0	2	0¼	0	2	11½	0	2	22¾	0	3	6	0	3	17¼	1	0	0½	1	0	11¾
15	0	1	0	0	1	14¼	0	2	0¼	0	2	14¼	0	3	0½	0	3	14½	1	0	0½	1	0	14½	1	1	0¾	1	1	14½
18	0	1	5¾	0	1	22¾	0	2	11½	0	3	0½	0	3	17¼	1	0	6¼	1	0	23	1	1	12	1	2	0¾	1	2	17¾
21	0	1	11½	0	2	3¼	0	2	22¾	0	3	14½	1	0	6¼	1	0	25¾	1	1	17½	1	2	9¼	1	3	1	1	3	20½
24	0	1	17	0	2	11½	0	3	6	1	0	0½	1	0	23	1	1	17½	1	2	12	1	3	6½	2	0	1	2	0	23½
27	0	1	22¾	0	2	20	0	3	17¼	1	0	14½	1	1	12	1	2	9¼	1	3	6½	2	0	3¾	2	1	1¼	2	1	26½
30	0	2	0¼	0	3	0½	1	0	0½	1	1	0¾	1	2	0¾	1	3	1	2	0	1	2	1	1¼	2	2	1¼	2	3	1½
33	0	2	6	0	3	8¾	1	0	11¾	1	1	14½	1	2	17¾	1	3	20½	2	0	23½	2	1	26½	2	3	1½	3	0	4¼
36	0	2	11½	0	3	17¼	1	0	23	1	2	0¾	1	3	4½	2	0	12¼	2	1	18	2	2	23¾	3	0	1½	3	1	7¼
39	0	2	17¼	0	3	25½	1	1	6¼	1	2	14¾	1	3	23½	2	1	4	2	2	12½	2	3	21	3	1	1¾	3	2	10¼
42	0	2	22¾	1	0	6¼	1	1	17½	1	3	1	2	0	12¼	2	1	23¾	2	3	7	3	0	18½	3	2	1¾	3	3	13¼
45	0	3	0½	1	0	14½	1	2	0¾	1	3	15	2	1	1¼	2	2	15¼	3	0	1½	3	1	15½	3	3	2	4	0	16
48	0	3	6	1	0	23	1	2	12	2	0	1	2	1	18	2	3	7	3	0	24	3	2	13	4	0	2	4	1	19

Breadth of Plate.	Thickness, $\frac{9}{16}$-Inch—(*continued*).																							
	Length in Feet and Inches.																							
	6 feet.			6 ft. 6 in.			7 feet.			7 ft. 6 in.			8 feet.			8 ft. 6 in.			9 feet.			9 ft. 6 in.			10 feet.			10 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	1	0	23	1	1	6¼	1	1	17½	1	2	0¾	1	2	12	1	2	23¼	1	3	6½	1	3	17¾	2	0	1	2	0	12¼
15	1	2	0¾	1	2	14¾	1	3	1	1	3	15	2	0	1	2	0	15	2	1	1¼	2	1	15¼	2	2	1¼	2	2	15¼
18	1	3	6½	1	3	23½	2	0	12¼	2	1	1¼	2	1	18	2	2	7	2	2	23¾	2	3	12¾	3	0	1½	3	0	18½
21	2	0	12¼	2	1	4	2	1	23¾	2	2	15¼	2	3	7	2	3	26½	3	0	18½	3	1	10	3	2	1¾	3	2	21½
24	2	1	18	2	2	12½	2	3	17	3	0	1½	3	0	25	3	1	18½	3	2	13	3	3	7½	4	0	2	4	0	24½
27	2	2	23¾	2	3	21	3	0	18½	3	1	15¾	3	2	13	3	3	10¼	4	0	7¾	4	1	5	4	2	2¼	4	2	27½
30	3	0	1½	3	1	1¾	3	2	1¾	3	3	2	4	0	2	4	1	2¼	4	2	2¼	4	3	2¼	5	0	2½	5	1	2¾
33	3	1	7¼	3	2	10¼	3	3	13¼	4	0	16	4	1	19	4	2	22	4	3	25	5	0	27¾	5	2	2¾	5	3	5½
36	3	2	13	3	3	18¾	4	0	24½	4	2	2¼	4	3	8	5	0	13¾	5	1	19½	5	2	25¼	6	0	3	6	1	8¾
39	3	3	18¾	4	0	27¼	4	2	8	4	3	16½	5	0	25	5	2	5½	5	3	14¼	6	0	22¾	6	2	3¼	6	3	11¾
42	4	0	24½	4	2	8	4	3	19¼	5	1	2¾	5	2	14	5	3	25½	6	1	8¾	6	2	20¼	7	0	3½	7	1	15
45	4	2	2¼	4	3	16½	5	1	2¾	5	2	17	6	0	3	6	1	19¼	6	3	3½	7	0	17½	7	2	3¾	7	3	18
48	4	3	8	5	0	25	5	2	14	6	0	3	6	1	20	6	3	9	7	0	26	7	2	15	8	0	4	8	1	21

Breadth of Plate	Thickness, $\frac{5}{8}$-Inch.																							
	Length in Feet and Inches.																							
	1 foot.			1 ft. 6 in.			2 feet.			2 ft. 6 in.			3 feet.			3 ft. 6 in.			4 feet.			4 ft. 6 in.			5 feet.			5 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	0	0	25	0	1	$9\frac{1}{2}$	0	1	22	0	2	$6\frac{1}{2}$	0	2	19	0	3	$3\frac{1}{2}$	0	3	16	1	0	$0\frac{1}{2}$	1	0	13	1	0	$25\frac{1}{2}$
15	0	1	$3\frac{1}{2}$	0	1	$18\frac{3}{4}$	0	2	$6\frac{1}{2}$	0	2	22	0	3	$9\frac{1}{2}$	0	3	25	1	0	13	1	1	$0\frac{1}{2}$	1	1	$16\frac{1}{2}$	1	2	4
18	0	1	$9\frac{1}{2}$	0	2	$0\frac{1}{2}$	0	2	19	0	3	$9\frac{3}{4}$	1	0	$0\frac{1}{2}$	1	0	$19\frac{1}{4}$	1	1	10	1	2	$0\frac{3}{4}$	1	2	$19\frac{1}{2}$	1	3	$10\frac{1}{4}$
21	0	1	$15\frac{3}{4}$	0	2	$9\frac{1}{2}$	0	3	$3\frac{1}{2}$	0	3	$25\frac{1}{4}$	1	0	$19\frac{1}{4}$	1	1	13	1	2	7	1	3	$0\frac{3}{4}$	1	3	$22\frac{3}{4}$	2	0	$16\frac{1}{2}$
24	0	1	22	0	2	19	0	3	16	1	0	13	1	1	10	1	2	7	1	3	4	2	0	1	2	0	26	2	1	23
27	0	2	$0\frac{1}{4}$	0	3	$0\frac{1}{4}$	1	0	$0\frac{1}{2}$	1	1	$0\frac{1}{2}$	1	2	$0\frac{3}{4}$	1	3	$0\frac{3}{4}$	2	0	1	2	1	1	2	2	1	2	3	$1\frac{1}{4}$
30	0	2	$6\frac{1}{2}$	0	3	$9\frac{3}{4}$	1	0	13	1	1	$16\frac{1}{4}$	1	2	$19\frac{1}{2}$	1	3	$22\frac{3}{4}$	2	0	26	2	2	$1\frac{1}{4}$	2	3	$4\frac{1}{2}$	3	0	$7\frac{3}{4}$
33	0	2	$12\frac{3}{4}$	0	3	19	1	0	$25\frac{1}{2}$	1	2	$3\frac{3}{4}$	1	3	$10\frac{1}{4}$	2	0	$16\frac{1}{2}$	2	1	23	2	3	$1\frac{1}{4}$	3	0	$7\frac{3}{4}$	3	1	14
36	0	2	19	1	0	$0\frac{1}{2}$	1	1	10	1	2	$19\frac{1}{2}$	2	0	1	2	1	$10\frac{1}{2}$	2	2	20	3	0	$1\frac{1}{2}$	3	1	11	3	2	$20\frac{1}{2}$
39	0	2	$25\frac{1}{4}$	1	0	$9\frac{3}{4}$	1	1	$22\frac{1}{2}$	1	3	7	2	0	$19\frac{3}{4}$	2	2	$4\frac{1}{4}$	2	3	17	3	1	$1\frac{1}{2}$	3	2	$14\frac{1}{4}$	3	3	$26\frac{3}{4}$
42	0	3	$3\frac{1}{2}$	1	0	$19\frac{1}{4}$	1	2	7	1	3	$22\frac{3}{4}$	2	1	$10\frac{1}{4}$	2	2	$26\frac{1}{4}$	3	0	14	3	2	$1\frac{3}{4}$	3	3	$17\frac{1}{2}$	4	1	$5\frac{1}{4}$
45	0	3	$9\frac{3}{4}$	1	1	$0\frac{1}{2}$	1	2	$19\frac{1}{2}$	2	0	$10\frac{1}{4}$	2	2	$1\frac{1}{4}$	2	3	20	3	1	11	3	3	$1\frac{3}{4}$	4	0	$20\frac{3}{4}$	4	2	$11\frac{1}{2}$
48	0	3	16	1	1	10	1	3	4	2	0	26	2	2	20	3	0	14	3	2	8	4	0	2	4	1	24	4	3	18

Breadth of Plate.	Thickness, $\frac{5}{8}$-Inch—(*continued*).																							
	Length in Feet and Inches.																							
	6 feet.			6 ft. 6 in.			7 feet.			7 ft. 6 in.			8 feet.			8 ft. 6 in.			9 feet.			9 ft. 6 in.			10 feet.			10 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	1	1	10	1	1	22½	1	2	7	1	2	19½	1	3	4	1	3	16½	2	0	1	2	0	13½	2	0	26	2	1	10½
15	1	2	19	1	3	7	1	3	22½	2	0	10½	2	0	26	2	1	13½	2	2	1	2	2	17	2	3	5	2	3	21
18	2	0	1	2	0	19¾	2	1	10½	2	2	1¼	2	2	20	2	3	10¾	3	0	1½	3	0	20¼	3	1	11	3	2	1¾
21	2	1	10½	2	2	4¼	2	2	26¼	2	3	20	3	0	14	3	1	7¾	3	2	1¾	3	2	23½	3	3	17½	4	0	11¼
24	2	2	20	2	3	7	3	0	14	3	1	11	3	2	8	3	3	5	4	0	2	4	0	27	4	1	24	4	2	21
27	3	0	1½	3	1	1½	3	2	1¾	3	3	1¾	4	0	2	4	1	2	4	2	2¼	4	3	2¼	5	0	2½	5	1	2
30	3	1	11	3	2	14¼	3	3	17½	4	0	20¾	4	1	24	4	2	27¼	5	0	2¼	5	1	5¾	5	2	9	5	3	12¼
33	3	2	20½	3	3	26¾	4	1	5¼	4	2	11½	4	3	18	5	0	24¼	5	2	3	5	3	9	6	0	15½	6	1	21¾
36	4	0	2	4	1	11½	4	2	21	5	0	2½	5	1	12	5	2	21½	6	0	3	6	1	12½	6	2	22	7	0	3½
39	4	1	11½	4	2	24	5	0	8¾	5	1	21¼	5	3	6	6	0	18½	6	2	3¼	6	3	15¾	7	1	0½	7	2	13
42	4	2	21	5	0	8¾	5	1	24½	5	3	12¼	6	1	0	6	2	15¾	7	0	3½	7	1	19¼	7	3	7	8	0	22¾
45	5	0	2½	5	1	21¼	5	3	13¼	6	1	3	6	2	22	7	0	12¾	7	2	3¾	7	3	22½	8	1	13½	8	3	4¼
48	5	1	12	5	3	6	6	1	0	6	2	22	7	0	16	7	2	10	8	0	4	8	1	26	8	3	20	9	1	14

Breadth of Plate.	Thickness, $\frac{11}{16}$-Inch.																							
	Length in Feet and Inches.																							
	1 foot.			1 ft. 6 in.			2 feet.			2 ft. 6 in.			3 feet.			3 ft. 6 in.			4 feet.			4 ft. 6 in.			5 feet.			5 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	0	0	27½	0	1	13¼	0	1	27	0	2	12¾	0	2	26½	0	3	12¼	0	3	26	1	0	11¾	1	0	25½	1	1	11¼
15	0	1	6½	0	1	23½	0	2	12¾	0	3	2	0	3	19¼	1	0	8¼	1	0	25½	1	1	14¾	1	2	4	1	2	21¼
18	0	1	13¼	0	2	6	0	2	26½	0	3	19¼	1	0	11¾	1	1	4½	1	1	25	1	2	17¾	1	3	10¼	2	0	3
21	0	1	20¼	0	2	16¼	0	3	12¼	1	0	8¼	1	1	4½	1	2	0½	1	2	24½	1	3	20½	2	0	16¾	2	1	12¾
24	0	1	27	0	2	26½	0	3	26	1	0	25½	1	1	25	1	2	24½	1	3	24	2	0	23½	2	1	23	2	2	22½
27	0	2	6	0	3	8¾	1	0	11¾	1	1	14¾	1	2	17¾	1	3	20½	2	0	23½	2	1	26¼	2	3	1½	3	0	4¼
30	0	2	12¾	0	3	19¼	1	0	25½	1	2	4	1	3	10¼	2	0	16¾	2	1	23	2	3	1½	3	0	7¾	3	1	14¼
33	0	2	19¾	1	0	1½	1	1	11¼	1	2	21	2	0	3	2	1	12¾	2	2	22½	3	0	4¼	3	1	14¼	3	2	24
36	0	2	26½	1	0	11¾	1	1	25	1	3	10¼	2	0	23½	2	2	8¾	2	3	22	3	1	7¼	3	2	20½	4	0	5¾
39	0	3	5½	1	0	22	1	2	10¾	1	3	27¼	2	1	16¼	2	3	4¾	3	0	21½	3	2	10	3	3	27	4	1	15½
42	0	3	12¼	1	1	4½	1	2	24½	2	0	16½	2	2	8¾	3	0	1	3	1	21	3	3	13¼	4	1	5¼	4	2	25½
45	0	3	19¼	1	1	14½	1	3	10¼	2	1	5¾	2	3	1½	3	0	25	3	2	20½	4	0	16	4	2	11¾	5	0	7
48	0	3	26	1	1	25	1	3	24	2	1	23	2	3	22	3	1	21	3	3	20	4	1	19	4	3	18	5	1	17

Breadth of Plate.	Thickness, $\frac{11}{16}$-Inch—(*continued*).																							
	Length in Feet and Inches.																							
	6 feet.			6 ft. 6 in.			7 feet.			7 ft. 6 in.			8 feet.			8 ft. 6 in.			9 feet.			9 ft. 6 in.			10 feet.			10 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	1	1	25	1	2	$10\frac{3}{4}$	1	2	$24\frac{1}{2}$	1	3	$10\frac{1}{4}$	1	3	24	2	0	$9\frac{3}{4}$	2	0	$23\frac{1}{2}$	2	1	$9\frac{1}{4}$	2	1	23	2	2	$8\frac{3}{4}$
15	1	3	$10\frac{1}{4}$	1	3	$27\frac{1}{4}$	2	0	$16\frac{1}{2}$	2	1	$5\frac{3}{4}$	2	1	23	2	2	$12\frac{1}{4}$	2	3	$1\frac{1}{2}$	2	3	$18\frac{1}{2}$	3	0	$7\frac{3}{4}$	3	0	25
18	2	0	$23\frac{1}{2}$	2	1	$16\frac{1}{4}$	2	2	$8\frac{3}{4}$	2	3	$1\frac{1}{4}$	2	3	22	3	0	$14\frac{3}{4}$	3	1	$7\frac{1}{4}$	3	2	0	3	2	$20\frac{1}{2}$	3	3	$13\frac{1}{4}$
21	2	2	$8\frac{3}{4}$	2	3	$4\frac{3}{4}$	3	0	1	3	0	25	3	1	21	3	2	17	3	3	$13\frac{1}{4}$	4	0	$9\frac{1}{4}$	4	1	$5\frac{1}{4}$	4	2	$1\frac{1}{4}$
24	2	3	22	3	0	$21\frac{1}{2}$	3	1	21	3	2	$20\frac{1}{2}$	3	3	20	4	0	$19\frac{1}{2}$	4	1	19	4	2	$18\frac{1}{2}$	4	3	18	5	0	$17\frac{1}{2}$
27	3	1	$7\frac{1}{4}$	3	2	$10\frac{1}{4}$	3	3	$13\frac{1}{4}$	4	0	16	4	1	19	4	2	22	4	3	25	5	0	$27\frac{3}{4}$	5	2	$2\frac{3}{4}$	5	3	$5\frac{3}{4}$
30	3	2	$20\frac{1}{2}$	3	3	27	4	1	$5\frac{1}{4}$	4	2	$11\frac{3}{4}$	4	3	18	5	0	$24\frac{1}{2}$	5	2	$2\frac{3}{4}$	5	3	$9\frac{1}{4}$	6	0	$15\frac{1}{2}$	6	1	22
33	4	0	$5\frac{3}{4}$	4	1	$15\frac{1}{2}$	4	2	$25\frac{1}{2}$	5	0	7	5	1	17	5	2	$26\frac{3}{4}$	6	0	$8\frac{1}{2}$	6	1	$18\frac{1}{2}$	6	3	$0\frac{1}{4}$	7	0	10
36	4	1	19	4	3	$4\frac{1}{4}$	5	0	$17\frac{1}{2}$	5	2	$2\frac{3}{4}$	5	3	16	6	1	$1\frac{1}{4}$	6	2	$14\frac{1}{2}$	6	3	$27\frac{3}{4}$	7	1	13	7	2	$26\frac{1}{4}$
39	4	3	$4\frac{1}{4}$	5	0	$20\frac{3}{4}$	5	2	$9\frac{1}{2}$	5	3	$26\frac{1}{4}$	6	1	15	6	3	$3\frac{3}{4}$	7	0	$20\frac{1}{2}$	7	2	9	7	3	$25\frac{3}{4}$	8	1	$14\frac{1}{2}$
42	5	0	$17\frac{1}{2}$	5	2	$9\frac{3}{4}$	6	0	$1\frac{3}{4}$	6	1	22	6	3	14	7	1	$6\frac{1}{4}$	7	2	$25\frac{1}{4}$	8	0	$18\frac{1}{2}$	8	2	$10\frac{1}{2}$	9	0	$2\frac{3}{4}$
45	5	2	$2\frac{3}{4}$	5	3	$26\frac{1}{4}$	6	1	22	6	3	$17\frac{1}{2}$	7	1	13	7	3	$8\frac{1}{2}$	8	1	$4\frac{1}{4}$	8	2	$27\frac{3}{4}$	9	0	$23\frac{1}{4}$	9	2	$18\frac{3}{4}$
48	5	3	16	6	1	15	6	3	14	7	1	13	7	3	12	8	1	11	8	3	10	9	1	9	9	3	8	10	1	7

Breadth of Plate.	Thickness, $\frac{3}{4}$-Inch.																							
	Length in Feet and Inches.																							
	1 foot.			1 ft. 6 in.			2 feet.			2 ft. 6 in.			3 feet.			3 ft. 6 in.			4 feet.			4 ft. 6 in.			5 feet.			5 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	0	1	2	0	1	17	0	2	4	0	2	19	0	3	6	0	3	21	1	0	8	1	0	23	1	1	10	1	1	25
15	0	1	$9\frac{1}{2}$	0	2	$0\frac{1}{4}$	0	2	19	0	3	$9\frac{3}{4}$	1	0	$0\frac{1}{2}$	1	0	$19\frac{1}{4}$	1	1	10	1	2	$0\frac{3}{4}$	1	2	$19\frac{1}{2}$	1	3	$10\frac{1}{4}$
18	0	1	17	0	2	$11\frac{1}{2}$	0	3	6	1	0	$0\frac{1}{2}$	1	0	23	1	1	$17\frac{1}{2}$	1	2	12	1	3	$6\frac{1}{2}$	2	0	1	2	0	$13\frac{1}{2}$
21	0	1	$24\frac{1}{2}$	0	2	23	0	3	21	1	0	19	1	1	$17\frac{1}{2}$	1	2	16	1	3	14	2	0	12	2	1	$10\frac{1}{2}$	2	2	9
24	0	2	4	0	3	6	1	0	8	1	1	10	1	2	12	1	3	14	2	0	16	2	1	18	2	2	20	2	3	22
27	0	2	$11\frac{1}{2}$	0	3	17	1	0	23	1	2	1	1	3	$6\frac{1}{2}$	2	0	12	2	1	18	2	2	24	3	0	$1\frac{1}{2}$	3	1	7
30	0	2	19	1	0	$0\frac{1}{2}$	1	1	10	1	2	$19\frac{1}{2}$	2	0	1	2	1	$10\frac{1}{2}$	2	2	20	3	0	$1\frac{1}{2}$	3	1	11	3	2	$20\frac{1}{2}$
33	0	2	$26\frac{1}{2}$	1	0	12	1	1	25	1	3	10	2	0	$23\frac{1}{2}$	2	2	$8\frac{3}{4}$	2	3	22	3	1	7	3	2	$20\frac{1}{2}$	4	0	$5\frac{3}{4}$
36	0	3	6	1	0	23	1	2	12	2	0	1	2	1	18	2	3	7	3	0	24	3	2	13	4	0	2	4	1	19
39	0	3	$13\frac{1}{2}$	1	1	6	1	2	27	2	0	$19\frac{3}{4}$	2	2	$12\frac{1}{2}$	3	0	5	3	1	26	3	3	$18\frac{3}{4}$	4	1	$11\frac{1}{2}$	4	3	4
42	0	3	21	1	1	$17\frac{1}{2}$	1	3	14	2	1	$10\frac{1}{2}$	2	3	7	3	1	$3\frac{1}{2}$	3	3	0	4	0	$24\frac{1}{2}$	4	2	21	5	0	17
45	1	0	$0\frac{1}{2}$	1	2	$0\frac{1}{2}$	2	0	1	2	2	1	3	0	$1\frac{1}{2}$	3	2	2	4	0	2	4	2	2	5	0	$2\frac{1}{2}$	5	2	3
48	1	0	8	1	2	12	2	0	16	2	2	20	3	0	24	3	3	0	4	1	4	4	3	8	5	1	12	5	3	16

Breadth of Plate.	Thickness, $\frac{3}{4}$-Inch—(*continued*).																							
	Length in Feet and Inches.																							
	6 feet.			6 ft. 6 in.			7 feet.			7 ft. 6 in.			8 feet.			8 ft. 6 in.			9 feet.			9 ft. 6 in.			10 feet.			10 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs	lbs.	c.	qrs.	lbs	c	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	1	2	12	1	2	27	1	3	14	2	0	1	2	0	16	2	1	3	2	1	18	2	2	5	2	2	20	2	3	7
15	2	0	1	2	0	19$\frac{3}{4}$	2	1	10$\frac{1}{2}$	2	2	1$\frac{1}{4}$	2	2	20	2	3	10$\frac{3}{4}$	3	0	1$\frac{1}{2}$	3	0	20$\frac{1}{4}$	3	1	11	3	2	1$\frac{3}{4}$
18	2	1	18	2	2	12$\frac{1}{2}$	2	3	7	3	0	1$\frac{1}{2}$	3	0	24	3	1	18$\frac{1}{2}$	3	2	13	3	3	7$\frac{1}{2}$	4	0	2	4	0	24$\frac{1}{2}$
21	2	3	7	3	0	5	3	1	3$\frac{1}{2}$	3	2	2	3	3	0	3	3	26	4	0	24$\frac{1}{2}$	4	1	23	4	2	21	4	3	19
24	3	0	24	3	1	26	3	3	0	4	0	2	4	1	4	4	2	6	4	3	8	5	0	10	5	1	12	5	2	14
27	3	2	13	3	3	19	4	0	24$\frac{1}{2}$	4	2	2	4	3	8	5	0	14	5	1	19$\frac{1}{2}$	5	2	24	6	0	3	6	1	9
30	4	0	2	4	1	11$\frac{1}{2}$	4	2	21	5	0	2$\frac{1}{2}$	5	1	2	5	2	21$\frac{1}{2}$	6	0	3	6	1	12$\frac{1}{2}$	6	2	22	7	0	3$\frac{1}{2}$
33	4	1	19	4	3	4	5	0	17$\frac{1}{2}$	5	2	2$\frac{3}{4}$	5	3	16	6	1	1	6	2	14$\frac{1}{2}$	7	0	0	7	1	3	7	2	26
36	4	3	8	5	0	25	5	2	14	6	0	3	6	1	2	6	3	9	7	0	26	7	2	15	8	0	4	8	1	21
39	5	0	25	5	2	17$\frac{3}{4}$	6	0	10$\frac{1}{2}$	6	2	3	6	3	24	7	1	16$\frac{3}{4}$	7	3	9$\frac{1}{2}$	8	1	2	8	2	23	9	0	15$\frac{3}{4}$
42	5	2	14	6	0	10$\frac{1}{2}$	6	2	7	7	0	3$\frac{1}{2}$	7	2	0	7	3	24$\frac{1}{2}$	8	1	21	8	3	17	9	1	14	9	3	10
45	6	0	3	6	2	3	7	0	3$\frac{1}{2}$	7	2	4	8	0	4	8	2	4	9	0	4	9	2	4	10	0	5	10	2	5
48	6	1	20	6	3	24	7	2	0	8	0	4	8	2	8	9	0	12	9	2	16	10	0	20	10	2	24	11	1	0

Breadth of Plate.	Thickness, $\frac{7}{8}$-Inch.																													
	Length in Feet and Inches.																													
	1 foot.			1 ft. 6 in.			2 feet.			2 ft. 6 in.			3 feet.			3 ft. 6 in.			4 feet.			4 ft. 6 in.			5 feet.			5 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	0	1	7	0	1	24½	0	2	14	0	3	3½	0	3	21	1	0	10½	1	1	0	1	1	17½	1	2	7	1	2	24½
15	0	1	15¾	0	2	9½	0	3	3½	0	3	25¼	1	0	19¼	1	1	13	1	2	7	1	3	0¾	1	3	22¾	2	0	16½
18	0	1	24½	0	2	22¾	0	3	21	1	0	19¼	1	1	17½	1	2	15¾	1	3	14	2	0	12½	2	1	10½	2	2	8¾
21	0	2	5¼	0	3	7¾	1	0	10½	1	1	13	1	2	15¾	1	3	18¼	2	0	21	2	1	23½	2	2	26¼	3	0	0¾
24	0	2	14	0	3	21	1	1	0	1	2	7	1	3	14	2	2	21	2	2	0	2	3	7	3	0	14	3	1	21
27	0	2	22¾	1	0	6	1	1	17	1	3	0¾	2	0	12¼	2	1	23½	2	3	7	3	0	18¼	3	2	1¾	3	3	13
30	0	3	3½	1	0	19¼	1	2	7	1	3	22¾	2	1	10½	2	2	26¼	3	0	14	3	2	1¾	3	3	17½	4	1	5¼
33	0	3	12¼	1	1	4¼	1	2	24½	2	0	16½	2	2	8¾	3	0	0¾	3	1	21	3	3	13	4	1	5¼	4	2	25¼
36	0	3	21	1	1	17½	1	3	14	2	1	10½	2	3	7	3	1	3½	3	3	0	4	0	24	4	2	21	5	0	17½
39	1	0	1¾	1	2	2½	2	0	3½	2	2	4¼	3	0	5¼	3	2	6	4	0	7	4	2	7¾	5	0	8¾	5	2	9½
42	1	0	10½	1	2	15¾	2	0	21	2	2	26¼	3	1	3½	3	3	8¾	4	1	14	4	3	19¼	5	1	24½	6	0	1¾
45	1	0	19¼	1	3	0¾	2	1	10½	2	3	20	3	2	1¾	4	0	11¼	4	2	21	5	1	2½	5	3	12¼	6	1	21¾
48	1	1	0	1	3	14	2	2	0	3	0	14	3	3	0	4	1	14	5	0	0	5	2	14	6	1	0	6	3	14

Breadth of Plate.	Thickness, $\frac{7}{8}$-Inch—(*continued*). Length in Feet and Inches.																							
	6 feet.			6 ft. 6 in.			7 feet.			7 ft. 6 in.			8 feet.			8 ft. 6 in.			9 feet.			9 ft. 6 in.			10 feet.			10 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	1	3	14	2	0	$3\frac{1}{2}$	2	0	21	2	1	$10\frac{1}{2}$	2	2	0	2	2	$17\frac{1}{2}$	2	3	7	2	3	$24\frac{1}{2}$	3	0	14	3	1	$3\frac{1}{2}$
15	2	1	$10\frac{1}{2}$	2	2	$4\frac{1}{2}$	2	2	$26\frac{1}{4}$	2	3	20	3	0	14	3	1	$7\frac{3}{4}$	3	2	$1\frac{3}{4}$	3	2	$23\frac{1}{2}$	3	3	$17\frac{1}{2}$	4	0	$11\frac{1}{4}$
18	2	3	7	3	0	$5\frac{1}{4}$	3	1	$3\frac{1}{2}$	3	2	$1\frac{3}{4}$	3	3	0	3	3	$26\frac{1}{4}$	4	0	$24\frac{1}{2}$	4	1	$22\frac{3}{4}$	4	2	21	4	3	$19\frac{1}{4}$
21	3	1	$3\frac{1}{2}$	3	2	6	3	3	$8\frac{3}{4}$	4	0	$11\frac{1}{4}$	4	1	14	4	2	$16\frac{1}{2}$	4	3	$19\frac{1}{4}$	5	0	$21\frac{3}{4}$	5	1	$24\frac{1}{2}$	5	2	27
24	3	3	0	4	0	7	4	1	14	4	2	21	5	0	0	5	1	7	5	2	14	5	3	21	6	1	0	6	2	7
27	4	0	$24\frac{1}{2}$	4	2	$7\frac{3}{4}$	4	3	$19\frac{1}{4}$	5	1	$2\frac{1}{2}$	5	2	14	5	3	$25\frac{1}{4}$	6	1	$8\frac{3}{4}$	6	2	20	7	0	$3\frac{1}{2}$	7	1	$14\frac{3}{4}$
30	4	2	21	5	0	$8\frac{3}{4}$	5	1	$24\frac{1}{2}$	5	3	$12\frac{1}{4}$	6	1	0	6	2	$15\frac{3}{4}$	7	0	$3\frac{1}{2}$	7	1	$19\frac{1}{4}$	7	3	7	8	0	$22\frac{3}{4}$
33	5	0	$17\frac{1}{2}$	5	2	$9\frac{1}{2}$	6	0	$1\frac{3}{4}$	6	1	$21\frac{3}{4}$	6	3	14	7	1	6	7	2	$26\frac{1}{4}$	8	0	$18\frac{1}{4}$	8	2	$10\frac{1}{4}$	9	0	$2\frac{1}{2}$
36	5	2	14	6	0	$10\frac{1}{2}$	6	2	7	7	0	$3\frac{1}{2}$	7	2	0	7	3	$24\frac{1}{2}$	8	1	21	8	3	$17\frac{1}{2}$	9	1	14	9	3	10
39	6	0	$10\frac{1}{2}$	6	2	$11\frac{1}{4}$	7	0	$12\frac{1}{4}$	7	2	13	8	0	14	8	2	$14\frac{3}{4}$	9	0	15	9	2	16	10	0	$17\frac{1}{2}$	10	2	$18\frac{1}{4}$
42	6	2	7	7	0	12	7	2	$17\frac{1}{2}$	8	0	$22\frac{3}{4}$	8	3	0	9	1	5	9	3	$10\frac{1}{2}$	10	1	$15\frac{3}{4}$	10	3	21	11	1	$26\frac{1}{4}$
45	7	0	$3\frac{1}{2}$	7	2	13	8	0	$22\frac{3}{4}$	8	3	$4\frac{1}{4}$	9	1	14	9	3	$23\frac{1}{2}$	10	2	$5\frac{1}{4}$	11	0	$14\frac{3}{4}$	11	2	$24\frac{1}{2}$	12	1	6
48	7	2	0	8	0	14	8	3	0	9	1	14	10	0	0	10	2	14	11	1	0	11	3	14	12	2	0	13	0	14

Breadth of Plate.	Thickness, 1-Inch.																							
	Length in Feet and Inches.																							
	1 foot.			1 ft. 6 in.			2 feet.			2 ft. 6 in.			3 feet.			3 ft. 6 in.			4 feet.			4 ft. 6 in.			5 feet.			5 ft. 6 in.		
in.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
12	0	1	12	0	2	4	0	2	24	0	3	16	1	0	8	1	1	0	1	1	20	1	2	12	1	3	4	1	3	24
15	0	1	22	0	2	19	0	3	16	1	0	13	1	1	10	1	2	7	1	3	4	2	0	1	2	0	26	2	1	23
18	0	2	4	0	3	6	1	0	8	1	1	10	1	2	12	1	3	14	2	0	16	2	1	18	2	2	20	2	3	22
21	0	2	14	0	3	21	1	1	0	1	2	7	1	3	14	2	0	21	2	2	0	2	3	7	3	0	14	3	1	21
24	0	2	24	1	0	8	1	1	20	1	3	4	2	0	16	2	2	0	2	3	12	3	0	24	3	2	8	3	3	20
27	0	3	6	1	0	23	1	2	12	2	0	1	2	1	18	2	3	7	3	0	24	3	2	13	4	0	2	4	1	19
30	0	3	16	1	1	10	1	3	4	2	0	26	2	2	20	3	0	14	3	2	8	4	0	2	4	1	24	4	3	18
33	0	3	26	1	1	25	1	3	24	2	1	23	2	3	22	3	1	21	3	3	20	4	1	19	4	3	18	5	1	17
36	1	0	8	1	2	12	2	0	16	2	2	20	3	0	24	3	3	0	4	1	4	4	3	8	5	1	12	5	3	16
39	1	0	18	1	2	27	2	1	8	2	3	17	3	1	26	4	0	7	4	2	16	5	0	25	5	3	6	6	1	15
42	1	1	0	1	3	14	2	2	0	3	0	14	3	3	0	4	1	14	5	0	0	5	2	14	6	1	1	6	3	14
45	1	1	10	2	0	1	2	2	20	3	1	11	4	0	2	4	2	21	5	1	12	6	0	3	6	2	22	7	1	13
48	1	1	20	2	0	16	2	3	12	3	2	8	4	1	4	5	0	0	5	2	24	6	1	20	7	0	16	7	3	12

Breadth of Plate	Thickness, 1-Inch—(*continued*).									
	Length in Feet and Inches.									
	6 feet.	6 ft. 6 in.	7 feet.	7 ft. 6 in.	8 feet.	8 ft. 6 in.	9 feet.	9 ft. 6 in.	10 feet.	10 ft. 6 in.
in.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.
12	2 0 16	2 1 8	2 2 0	2 2 20	2 3 12	3 0 4	3 0 24	3 1 16	3 2 8	3 3 0
15	2 2 20	2 3 17	3 0 14	3 1 11	3 2 8	3 3 5	4 0 2	4 0 27	4 1 24	4 2 21
18	3 0 24	3 1 26	3 3 0	4 0 2	4 1 4	4 2 6	4 3 8	5 0 10	5 1 12	5 2 14
21	3 3 0	4 0 7	4 1 14	4 2 21	5 0 0	5 1 7	5 2 14	5 3 21	6 1 0	6 2 7
24	4 1 4	4 2 16	5 0 0	5 1 12	5 2 24	6 0 8	6 1 20	6 3 4	7 0 16	7 2 0
27	4 3 8	5 0 25	5 2 14	6 0 3	6 1 20	6 3 9	7 0 26	7 2 15	8 0 4	8 1 21
30	5 1 12	5 3 6	6 1 0	6 2 22	7 0 16	7 2 10	8 0 4	8 1 26	8 3 20	9 1 14
33	5 3 16	6 1 15	6 3 14	7 1 13	7 3 12	8 1 11	8 3 10	9 1 9	9 3 8	10 1 7
36	6 1 20	6 3 24	7 2 0	8 0 4	8 2 8	9 0 12	9 2 16	10 0 20	10 2 24	11 1 0
39	6 3 24	7 2 5	8 0 14	8 2 23	9 1 4	9 3 13	10 1 22	11 0 3	11 2 12	12 0 21
42	7 2 0	8 0 14	8 3 0	9 1 14	10 0 0	10 2 14	11 1 0	11 3 14	12 2 0	13 0 14
45	8 0 4	8 2 23	9 1 14	10 0 5	10 2 24	11 1 15	12 0 6	12 2 25	13 1 16	14 0 7
48	8 2 8	9 1 4	10 0 0	10 2 24	11 1 20	12 0 16	12 3 12	13 2 8	14 1 4	15 0 0

TABLE No. 8.

WEIGHT OF CIRCULAR PLATES FOR BOILER ENDS.

TABLE No. 8.—WEIGHT OF CIRCULAR PLATES.

RULE.—Square the diameter in feet, and multiply the product by ·7854 to find the area in square feet. Then multiply the area thus found by the weight of a square foot of plate of the same thickness as the plate whose weight is required, given in Table No. 6.

This Table is useful for getting the weight of boiler ends.

Thickness.	Diameter in Feet and Inches.																							
	1 foot.			1 ft. 6 in.			2 feet.			2 ft. 6 in.			3 feet.			3 ft. 6 in.			4 feet.			4 ft. 6 in.			5 feet.			5 ft. 6 in.		
	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
$\frac{1}{16}$	0	0	2	0	0	$4\frac{1}{2}$	0	0	$7\frac{3}{4}$	0	0	$12\frac{1}{4}$	0	0	$17\frac{3}{4}$	0	0	24	0	1	$3\frac{1}{2}$	0	1	$11\frac{3}{4}$	0	1	21	0	2	$3\frac{1}{2}$
$\frac{1}{8}$	0	0	4	0	0	$8\frac{3}{4}$	0	0	$15\frac{3}{4}$	0	0	$24\frac{1}{2}$	0	1	$7\frac{1}{4}$	0	1	20	0	2	$6\frac{3}{4}$	0	2	$23\frac{1}{2}$	0	3	$14\frac{1}{4}$	1	0	$6\frac{3}{4}$
$\frac{3}{16}$	0	0	6	0	0	$13\frac{1}{4}$	0	0	$23\frac{1}{2}$	0	1	9	0	1	25	0	2	16	0	3	$10\frac{1}{4}$	1	0	$7\frac{1}{4}$	1	1	$7\frac{1}{4}$	1	2	$10\frac{1}{4}$
$\frac{1}{4}$	0	0	$7\frac{3}{4}$	0	0	$17\frac{3}{4}$	0	1	$3\frac{1}{2}$	0	1	21	0	2	$14\frac{3}{4}$	0	3	$12\frac{1}{4}$	1	0	$13\frac{3}{4}$	1	1	19	1	13	$0\frac{1}{2}$	2	0	$13\frac{3}{4}$
$\frac{6}{16}$	0	0	10	0	0	22	0	1	$11\frac{1}{4}$	0	2	$5\frac{1}{2}$	0	3	$4\frac{1}{2}$	1	0	$8\frac{1}{4}$	1	1	17	1	3	3	2	0	$21\frac{1}{2}$	2	2	17
$\frac{3}{8}$	0	0	$11\frac{3}{4}$	0	0	$26\frac{1}{2}$	0	1	19	0	2	$17\frac{3}{4}$	0	3	22	1	1	$4\frac{1}{4}$	1	2	$19\frac{1}{2}$	2	0	$14\frac{1}{2}$	2	2	$14\frac{1}{2}$	3	0	22
$\frac{7}{16}$	0	0	$13\frac{3}{4}$	0	1	3	0	1	27	0	3	2	1	0	$11\frac{3}{4}$	1	2	$0\frac{1}{2}$	1	3	24	2	1	$26\frac{1}{2}$	3	0	$7\frac{1}{2}$	3	2	$23\frac{3}{4}$
$\frac{1}{2}$	0	0	$15\frac{3}{4}$	0	1	$7\frac{1}{2}$	0	2	$6\frac{3}{4}$	0	3	$14\frac{1}{4}$	1	1	$1\frac{1}{2}$	1	2	$24\frac{1}{2}$	2	0	$27\frac{1}{4}$	2	3	10	3	2	$0\frac{3}{4}$	4	0	27
$\frac{9}{16}$	0	0	$17\frac{3}{4}$	0	1	$11\frac{3}{4}$	0	2	$14\frac{1}{2}$	0	3	$26\frac{1}{2}$	1	1	19	1	3	$20\frac{1}{2}$	2	2	$2\frac{3}{4}$	3	0	$21\frac{3}{4}$	3	3	$21\frac{3}{4}$	4	3	$2\frac{1}{2}$
$\frac{5}{8}$	0	0	$19\frac{1}{2}$	0	1	$16\frac{1}{4}$	0	2	$22\frac{1}{2}$	1	0	$10\frac{3}{4}$	1	2	$8\frac{3}{4}$	2	0	$16\frac{1}{2}$	2	3	6	3	2	$5\frac{1}{2}$	4	1	$14\frac{3}{4}$	5	1	6
$\frac{11}{16}$	0	0	$21\frac{3}{4}$	0	1	$20\frac{3}{4}$	0	3	$2\frac{1}{4}$	1	0	23	1	2	$26\frac{1}{4}$	2	1	$12\frac{1}{2}$	3	0	$9\frac{1}{2}$	3	3	$17\frac{1}{4}$	4	3	8	5	3	$9\frac{1}{4}$
$\frac{3}{4}$	0	0	$23\frac{1}{2}$	0	1	25	0	3	$10\frac{1}{4}$	1	1	$7\frac{1}{4}$	1	3	16	2	2	$8\frac{1}{2}$	3	1	13	4	1	1	5	1	1	6	1	$12\frac{3}{4}$
$\frac{13}{16}$	0	0	$25\frac{1}{2}$	0	2	$1\frac{1}{2}$	0	3	18	1	1	$19\frac{1}{2}$	2	0	$5\frac{1}{2}$	2	3	$4\frac{1}{2}$	3	2	$16\frac{1}{4}$	4	2	$12\frac{3}{4}$	5	2	22	6	3	$16\frac{1}{4}$
$\frac{7}{8}$	0	0	$27\frac{1}{2}$	0	2	$5\frac{3}{4}$	0	3	26	1	2	$3\frac{3}{4}$	2	0	$23\frac{1}{2}$	3	0	$0\frac{3}{4}$	3	3	$19\frac{3}{4}$	4	3	$24\frac{1}{2}$	6	0	$15\frac{1}{4}$	7	1	$19\frac{1}{2}$
$\frac{15}{16}$	0	1	$1\frac{1}{2}$	0	2	$10\frac{1}{4}$	1	0	$5\frac{3}{4}$	1	2	16	2	1	13	3	0	$24\frac{3}{4}$	4	0	23	5	1	$8\frac{1}{4}$	6	2	$8\frac{1}{4}$	8	0	1
1″	0	1	$3\frac{1}{2}$	0	2	$14\frac{1}{2}$	1	0	$13\frac{1}{2}$	1	3	$0\frac{1}{4}$	2	2	$2\frac{3}{4}$	3	1	$20\frac{3}{4}$	4	1	$26\frac{1}{2}$	5	2	$20\frac{1}{4}$	7	0	$1\frac{1}{4}$	8	1	$26\frac{1}{4}$

Thickness.	Diameter in Feet and Inches.																							
	6 feet.			6 ft. 6 in.			7 feet.			7 ft. 6 in.			8 feet.			8 ft. 6 in.			9 feet.			10 feet.			11 feet.			12 feet.		
	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
$\frac{1}{16}$	0	2	$14\frac{3}{4}$		—			—			—			—			—			—			—			—			—	
$\frac{1}{8}$	1	1	$1\frac{1}{2}$	1	1	26		—			—			—			—			—			—			—			—	
$\frac{3}{16}$	1	3	16	2	0	25	2	2	$8\frac{1}{2}$		—			—			—			—			—			—			—	
$\frac{1}{4}$	2	2	$2\frac{3}{4}$	2	3	24	3	1	21	3	3	$21\frac{3}{4}$	4	1	$26\frac{3}{4}$		—			—			—			—			—	
$\frac{5}{16}$	3	0	$17\frac{1}{2}$	3	2	22	4	1	5	4	3	$20\frac{1}{4}$	5	2	$12\frac{1}{4}$	6	1	$9\frac{1}{2}$	7	0	11		—			—			—	
$\frac{3}{8}$	3	1	10	4	1	$21\frac{5}{11}$	5	0	$17\frac{1}{4}$	5	3	$18\frac{3}{4}$	6	2	26	7	2	$11\frac{1}{4}$	8	2	2	10	2	2	12	2	$25\frac{1}{4}$		—	
$\frac{7}{16}$	4	1	19	5	0	$20\frac{3}{4}$	6	0	$1\frac{1}{2}$	6	3	17	7	3	$11\frac{3}{4}$	8	3	$13\frac{1}{4}$	9	3	21	12	1	$2\frac{1}{4}$	14	3	$10\frac{3}{4}$	17	2	19
$\frac{1}{2}$	5	0	$5\frac{1}{2}$	5	3	$19\frac{1}{2}$	6	3	$13\frac{1}{2}$	7	3	$15\frac{1}{2}$	8	3	$25\frac{1}{4}$	10	0	15	11	1	12	14	0	$2\frac{3}{4}$	16	3	$24\frac{1}{2}$	20	0	22
$\frac{9}{16}$	5	2	$20\frac{1}{4}$	6	2	$18\frac{1}{2}$	7	2	$25\frac{3}{4}$	8	3	14	10	0	12	11	1	17	12	3	3	15	3	3	19	0	10	22	2	$24\frac{1}{2}$
$\frac{5}{8}$	6	1	$6\frac{3}{4}$	7	1	$17\frac{1}{2}$	8	2	10	9	3	$12\frac{1}{4}$	11	0	$24\frac{1}{2}$	12	2	$18\frac{3}{4}$	14	0	22	17	2	2	21	0	$23\frac{1}{2}$	25	0	$27\frac{1}{2}$
$\frac{11}{16}$	6	3	$21\frac{1}{2}$	8	0	$16\frac{1}{2}$	9	1	$22\frac{1}{4}$	10	3	$12\frac{3}{4}$	12	1	$8\frac{3}{4}$	13	3	$20\frac{3}{4}$	15	2	$13\frac{1}{4}$	19	1	$3\frac{3}{4}$	23	1	$9\frac{1}{4}$	27	3	4
$\frac{3}{4}$	7	2	$8\frac{1}{4}$	8	3	$15\frac{1}{2}$	10	1	$6\frac{1}{2}$	11	3	$9\frac{1}{4}$	13	1	$23\frac{3}{4}$	15	0	$22\frac{1}{2}$	17	0	$4\frac{1}{4}$	21	0	4	25	1	23	30	1	5
$\frac{13}{16}$	8	0	$22\frac{3}{4}$	9	2	$14\frac{1}{4}$	11	0	$18\frac{1}{2}$	12	3	$7\frac{1}{2}$	14	2	$9\frac{1}{2}$	16	1	$24\frac{1}{4}$	18	1	$23\frac{1}{4}$	22	3	$4\frac{1}{4}$	27	2	$8\frac{1}{2}$	32	3	7
$\frac{7}{8}$	8	3	$9\frac{1}{2}$	10	1	$13\frac{1}{4}$	12	0	$2\frac{3}{4}$	13	3	$6\frac{1}{4}$	15	2	$23\frac{1}{4}$	17	2	$26\frac{1}{4}$	19	3	14	24	2	$4\frac{3}{4}$	29	2	22	35	1	$10\frac{1}{4}$
$\frac{15}{16}$	9	1	$24\frac{1}{4}$	11	0	$12\frac{1}{4}$	12	3	15	14	3	$4\frac{1}{2}$	16	3	$8\frac{3}{4}$	19	0	$0\frac{1}{4}$	21	1	$5\frac{1}{4}$	26	1	5	31	3	$7\frac{1}{2}$	38	1	27
1	10	0	11	11	3	$11\frac{1}{4}$	13	2	$27\frac{1}{4}$	15	3	3	17	3	$22\frac{1}{2}$	20	1	$2\frac{1}{4}$	22	2	$24\frac{1}{4}$	28	0	$5\frac{1}{2}$	33	3	21	40	1	16

TABLE No 9.

WEIGHT OF COPPER PLATES.

TABLE No. 10.

WEIGHT OF STEEL PLATES.

TABLE No. 9.—WEIGHT OF COPPER PLATES.

RULE.—Multiply the number of square feet in the plate by the weight of one square foot for the given thickness, in Table No. 6.

Thickness.	Square Feet.								
	1	2	3	4	5	6	7	8	9
in.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.
$\frac{5}{16}$	0 0 $14\frac{1}{2}$	0 1 $0\frac{3}{4}$	0 1 $15\frac{1}{4}$	0 2 $1\frac{1}{2}$	0 2 16	0 3 $2\frac{1}{2}$	0 3 16	1 0 $3\frac{1}{4}$	1 0 $17\frac{1}{2}$
$\frac{3}{8}$	0 0 $17\frac{1}{4}$	0 1 $6\frac{1}{2}$	0 1 $23\frac{1}{2}$	0 2 $12\frac{3}{4}$	0 3 2	0 3 $19\frac{1}{4}$	1 0 $8\frac{1}{2}$	1 0 $25\frac{1}{2}$	1 1 $14\frac{3}{4}$
$\frac{7}{16}$	0 0 20	0 1 $12\frac{1}{4}$	0 2 $4\frac{1}{4}$	0 2 $24\frac{1}{4}$	0 3 $16\frac{1}{2}$	1 0 $8\frac{1}{2}$	1 1 $0\frac{3}{4}$	1 1 $20\frac{3}{4}$	1 2 13
$\frac{1}{2}$	0 0 23	0 1 18	0 2 13	0 3 8	1 0 3	1 0 26	1 1 21	1 2 16	1 3 11

Thickness.	Square Feet.								
	10	11	12	13	14	15	16	17	18
in.	c. qrs lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.
$\frac{5}{16}$	1 1 4	1 1 $18\frac{1}{2}$	1 2 $4\frac{3}{4}$	1 2 $19\frac{1}{4}$	1 3 $5\frac{1}{2}$	1 3 20	2 0 $6\frac{1}{2}$	2 0 $20\frac{3}{4}$	2 1 $7\frac{1}{4}$
$\frac{3}{8}$	1 2 4	1 2 $21\frac{1}{4}$	1 3 $10\frac{1}{4}$	1 3 $27\frac{1}{2}$	2 0 $16\frac{3}{4}$	2 1 3	2 1 $23\frac{1}{4}$	2 2 $12\frac{1}{2}$	2 3 $1\frac{1}{2}$
$\frac{7}{16}$	1 3 5	1 3 25	2 0 $17\frac{1}{4}$	2 1 $9\frac{1}{4}$	2 2 $1\frac{1}{2}$	2 2 21	2 3 $13\frac{1}{2}$	3 0 $5\frac{3}{4}$	3 0 $25\frac{3}{4}$
$\frac{1}{2}$	2 0 6	2 1 1	2 1 24	2 2 19	2 3 14	3 0 9	3 1 4	3 1 27	3 2 22

TABLE No. 10.—WEIGHT OF STEEL PLATES.

Thickness.	Square Feet.								
	1	2	3	4	5	6	7	8	9
in.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.
$\frac{1}{4}$	0 0 $10\frac{1}{4}$	0 0 $20\frac{1}{2}$	0 1 3	0 1 $13\frac{1}{4}$	0 1 $23\frac{1}{2}$	0 2 $5\frac{3}{4}$	0 2 16	0 2 $26\frac{1}{2}$	0 3 $8\frac{3}{4}$
$\frac{5}{16}$	0 0 13	0 0 $25\frac{3}{4}$	0 1 $10\frac{3}{4}$	0 1 $23\frac{1}{2}$	0 2 $8\frac{1}{2}$	0 2 $21\frac{1}{2}$	0 3 $6\frac{1}{4}$	0 3 $19\frac{1}{4}$	1 0 4
$\frac{3}{8}$	0 0 $15\frac{1}{2}$	0 1 $2\frac{3}{4}$	0 1 $18\frac{1}{4}$	0 2 $5\frac{1}{2}$	0 2 21	0 3 $8\frac{1}{2}$	0 3 $23\frac{3}{4}$	1 0 $11\frac{1}{4}$	1 0 $26\frac{1}{2}$
$\frac{7}{16}$	0 0 18	0 1 $7\frac{3}{4}$	0 1 $25\frac{3}{4}$	0 2 $15\frac{1}{2}$	0 3 $5\frac{1}{2}$	0 3 $23\frac{1}{2}$	1 0 $13\frac{1}{4}$	1 1 $3\frac{1}{4}$	1 1 21
$\frac{1}{2}$	0 0 $20\frac{1}{2}$	0 1 13	0 2 $5\frac{1}{2}$	0 2 26	0 3 $18\frac{1}{2}$	1 0 11	1 1 $3\frac{1}{2}$	1 1 24	1 2 $16\frac{1}{2}$

Thickness.	Square Feet.								
	10	11	12	13	14	15	16	17	18
in.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.	c. qrs. lbs.
$\frac{1}{4}$	0 3 19	1 0 $1\frac{1}{4}$	1 0 $11\frac{1}{2}$	1 0 22	1 1 $4\frac{1}{4}$	1 1 $14\frac{1}{2}$	1 1 $24\frac{3}{4}$	1 2 7	1 2 $17\frac{1}{2}$
$\frac{5}{16}$	1 0 17	1 1 2	1 1 $14\frac{3}{4}$	1 1 $27\frac{3}{4}$	1 2 $12\frac{1}{2}$	1 2 $25\frac{1}{2}$	1 3 $10\frac{1}{2}$	1 3 $23\frac{1}{4}$	2 0 $8\frac{1}{4}$
$\frac{3}{8}$	1 1 14	1 2 $1\frac{1}{2}$	1 2 $16\frac{3}{4}$	1 3 $4\frac{1}{4}$	1 3 $19\frac{1}{2}$	2 0 7	2 0 $22\frac{1}{2}$	2 1 $9\frac{3}{4}$	2 1 $25\frac{1}{4}$
$\frac{7}{16}$	1 2 11	1 3 1	1 3 $18\frac{3}{4}$	2 0 $8\frac{3}{4}$	2 0 $26\frac{1}{2}$	2 1 $16\frac{1}{2}$	2 2 $6\frac{1}{2}$	2 2 $24\frac{1}{4}$	2 3 $14\frac{1}{4}$
$\frac{1}{2}$	1 3 9	2 0 $1\frac{1}{2}$	2 0 22	2 1 $14\frac{1}{2}$	2 2 7	2 2 $27\frac{1}{2}$	2 3 20	3 0 $12\frac{1}{2}$	3 1 5

TABLE No. 11.

WEIGHT OF ROUND BAR-IRON.

TABLE No. 11.—WEIGHT OF ROUND BAR-IRON.

RULE.—Multiply the square of the diameter by 2·62. The product is the weight in lbs. of one foot.
The weights in the Table are given to the nearest $\frac{1}{4}$ lb.
The Table is useful for finding the weight of stay-rods in boilers.

Diameter.	Length in Feet.																										
	1			2			3			4			5			6			7			8			9			10		
Inches.	c	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
$\frac{3}{4}$	0	0	$1\frac{1}{2}$	0	0	3	0	0	$4\frac{1}{2}$	0	0	6	0	0	$7\frac{1}{4}$	0	0	$8\frac{3}{4}$	0	0	$10\frac{1}{4}$	0	0	$11\frac{3}{4}$	0	0	$13\frac{1}{4}$	0	0	$14\frac{3}{4}$
$\frac{7}{8}$	0	0	2	0	0	4	0	0	6	0	0	8	0	0	10	0	0	12	0	0	14	0	0	16	0	0	18	0	0	20
1	0	0	$2\frac{3}{4}$	0	0	$5\frac{1}{4}$	0	0	$7\frac{3}{4}$	0	0	$10\frac{1}{2}$	0	0	13	0	0	$15\frac{3}{4}$	0	0	$18\frac{1}{4}$	0	0	21	0	0	$23\frac{1}{2}$	0	0	$26\frac{1}{4}$
$1\frac{1}{8}$	0	0	$3\frac{1}{4}$	0	0	$6\frac{1}{2}$	0	0	10	0	0	$13\frac{1}{4}$	0	0	$16\frac{1}{2}$	0	0	20	0	0	$23\frac{1}{4}$	0	0	$26\frac{1}{2}$	0	1	2	0	1	$5\frac{1}{4}$
$1\frac{1}{4}$	0	0	4	0	0	$8\frac{1}{4}$	0	0	$12\frac{1}{4}$	0	0	$16\frac{1}{2}$	0	0	$20\frac{1}{2}$	0	0	$24\frac{1}{2}$	0	1	$0\frac{1}{2}$	0	1	$4\frac{3}{4}$	0	1	$8\frac{3}{4}$	0	1	13
$1\frac{3}{8}$	0	0	5	0	0	10	0	0	15	0	0	$19\frac{3}{4}$	0	0	$24\frac{3}{4}$	0	1	$2\frac{3}{4}$	0	1	$6\frac{1}{2}$	0	1	$11\frac{1}{2}$	0	1	$18\frac{1}{2}$	0	1	$21\frac{1}{2}$
$1\frac{1}{2}$	0	0	$5\frac{3}{4}$	0	0	$11\frac{3}{4}$	0	0	$17\frac{3}{4}$	0	0	$23\frac{1}{2}$	0	1	$1\frac{1}{2}$	0	1	$7\frac{1}{4}$	0	1	$13\frac{1}{4}$	0	1	19	0	1	25	0	2	3
$1\frac{5}{8}$	0	0	7	0	0	$13\frac{3}{4}$	0	0	$20\frac{3}{4}$	0	0	$27\frac{3}{4}$	0	1	$6\frac{1}{2}$	0	1	$13\frac{1}{2}$	0	1	$20\frac{1}{2}$	0	1	$27\frac{1}{4}$	0	2	7	0	2	$13\frac{1}{4}$
$1\frac{3}{4}$	0	0	8	0	0	16	0	0	24	0	1	4	0	1	12	0	1	20	0	2	0	0	2	8	0	2	$16\frac{1}{4}$	0	2	$24\frac{1}{4}$
$1\frac{7}{8}$	0	0	$9\frac{1}{4}$	0	0	$18\frac{1}{2}$	0	0	$27\frac{1}{2}$	0	1	$8\frac{3}{4}$	0	1	18	0	1	$27\frac{1}{4}$	0	2	$8\frac{1}{2}$	0	2	$17\frac{1}{2}$	0	2	$26\frac{3}{4}$	0	3	$8\frac{1}{4}$
2	0	0	$10\frac{1}{2}$	0	0	21	0	1	$3\frac{1}{2}$	0	1	13	0	1	$24\frac{1}{2}$	0	2	$6\frac{3}{4}$	0	2	$17\frac{1}{4}$	0	2	$27\frac{3}{4}$	0	3	$10\frac{1}{4}$	0	3	21
$2\frac{1}{8}$	0	0	$11\frac{3}{4}$	0	0	$23\frac{1}{2}$	0	1	$7\frac{1}{2}$	0	1	$19\frac{1}{4}$	0	2	3	0	2	15	0	2	$26\frac{3}{4}$	0	3	$10\frac{1}{2}$	0	3	$22\frac{1}{2}$	1	0	$6\frac{1}{2}$
$2\frac{1}{4}$	0	0	$13\frac{1}{4}$	0	0	$26\frac{1}{2}$	0	1	$11\frac{3}{4}$	0	1	25	0	2	$10\frac{1}{4}$	0	2	$23\frac{1}{2}$	0	3	$8\frac{3}{4}$	0	3	22	1	0	$7\frac{1}{4}$	1	0	$20\frac{3}{4}$
$2\frac{3}{8}$	0	0	$14\frac{3}{4}$	0	1	$1\frac{1}{2}$	0	1	$16\frac{1}{4}$	0	2	3	0	2	$17\frac{3}{4}$	0	3	$4\frac{1}{2}$	0	3	$19\frac{1}{4}$	1	0	6	1	0	21	1	1	8
$2\frac{1}{2}$	0	0	$16\frac{1}{2}$	0	1	$4\frac{3}{4}$	0	1	21	0	2	$10\frac{1}{2}$	0	2	$25\frac{3}{4}$	0	3	$14\frac{1}{4}$	1	0	$2\frac{1}{2}$	1	0	19	1	1	$7\frac{1}{4}$	1	1	24
$2\frac{5}{8}$	0	0	18	0	1	8	0	1	26	0	2	$16\frac{1}{4}$	0	3	$6\frac{1}{4}$	0	3	$24\frac{1}{4}$	1	0	$14\frac{1}{4}$	1	1	$4\frac{1}{4}$	1	1	$21\frac{1}{4}$	1	2	$12\frac{1}{2}$
$2\frac{3}{4}$	0	0	$19\frac{3}{4}$	0	1	$11\frac{1}{2}$	0	2	$3\frac{1}{2}$	0	2	$23\frac{1}{4}$	0	3	15	1	0	$6\frac{3}{4}$	1	0	$26\frac{1}{2}$	1	1	$18\frac{1}{2}$	1	2	$10\frac{1}{4}$	1	3	$2\frac{1}{4}$
$2\frac{7}{8}$	0	0	$21\frac{1}{2}$	0	1	$15\frac{1}{4}$	0	2	9	0	3	$2\frac{1}{2}$	0	3	$24\frac{1}{4}$	1	0	$17\frac{3}{4}$	1	1	$11\frac{1}{2}$	1	2	5	1	2	$26\frac{3}{4}$	1	3	20
3	0	0	$23\frac{1}{2}$	0	1	19	0	2	$14\frac{3}{4}$	0	3	$10\frac{1}{4}$	1	0	$5\frac{3}{4}$	1	1	$1\frac{1}{2}$	1	1	25	1	2	$20\frac{1}{2}$	1	3	16	2	0	12

TABLE No. 12.

WEIGHT OF SQUARE BAR-IRON.

TABLE No. 12.—WEIGHT OF SQUARE BAR-IRON.

RULE.—Multiply the sectional area in inches by 3·33. The product is the weight, in lbs, of one foot. The weights in the Table are given to the nearest $\frac{1}{4}$ lb.

The Table is useful for finding the weight of foundation-rings, firedoor-rings, &c., in locomotive boilers and donkey boilers.

Side of Square.	Length in Feet.																													
	1			2			3			4			5			6			7			8			9			10		
Inches.	c	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs	lbs	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
$\frac{3}{4}$	0	0	$1\frac{3}{4}$	0	0	$3\frac{3}{4}$	0	0	$5\frac{1}{2}$	0	0	$7\frac{1}{2}$	0	0	$9\frac{1}{2}$	0	0	$11\frac{1}{4}$	0	0	13	0	0	15	0	0	17	0	0	$18\frac{3}{4}$
$\frac{7}{8}$	0	0	$2\frac{1}{2}$	0	0	5	0	0	$7\frac{1}{2}$	0	0	$10\frac{1}{4}$	0	0	$12\frac{3}{4}$	0	0	$15\frac{1}{4}$	0	0	$17\frac{3}{4}$	0	0	$20\frac{1}{2}$	0	0	23	0	0	$25\frac{1}{2}$
1	0	0	$3\frac{1}{4}$	0	0	$6\frac{1}{2}$	0	0	10	0	0	$13\frac{1}{4}$	0	0	$16\frac{1}{2}$	0	0	20	0	0	$23\frac{1}{4}$	0	0	$26\frac{1}{2}$	0	1	2	0	1	$5\frac{1}{4}$
$1\frac{1}{8}$	0	0	$4\frac{1}{4}$	0	0	$8\frac{1}{2}$	0	0	$12\frac{1}{2}$	0	0	$16\frac{3}{4}$	0	0	21	0	0	$25\frac{1}{4}$	0	1	$1\frac{1}{2}$	0	1	$5\frac{3}{4}$	0	1	10	0	1	$14\frac{1}{4}$
$1\frac{1}{4}$	0	0	$5\frac{1}{4}$	0	0	$10\frac{1}{2}$	0	0	$15\frac{1}{2}$	0	0	$20\frac{3}{4}$	0	0	26	0	1	$3\frac{1}{4}$	0	1	$8\frac{1}{2}$	0	1	$13\frac{1}{2}$	0	1	$18\frac{3}{4}$	0	1	24
$1\frac{3}{8}$	0	0	$6\frac{1}{4}$	0	0	$12\frac{1}{2}$	0	0	$18\frac{3}{4}$	0	0	$25\frac{1}{4}$	0	1	$3\frac{1}{2}$	0	1	$9\frac{3}{4}$	0	1	16	0	1	$22\frac{1}{2}$	0	2	$0\frac{3}{4}$	0	2	7
$1\frac{1}{2}$	0	0	$7\frac{1}{2}$	0	0	15	0	0	$22\frac{1}{2}$	0	1	2	0	1	$9\frac{1}{2}$	0	1	17	0	1	$24\frac{1}{2}$	0	2	4	0	2	$11\frac{1}{2}$	0	2	19
$1\frac{5}{8}$	0	0	$8\frac{3}{4}$	0	0	$17\frac{1}{2}$	0	0	$26\frac{1}{2}$	0	1	$7\frac{1}{4}$	0	1	16	0	1	$24\frac{3}{4}$	0	2	$5\frac{1}{2}$	0	2	$14\frac{1}{2}$	0	2	$23\frac{1}{4}$	0	3	4
$1\frac{3}{4}$	0	0	$10\frac{1}{4}$	0	0	$20\frac{1}{2}$	0	1	$2\frac{1}{2}$	0	1	$12\frac{3}{4}$	0	1	23	0	2	$5\frac{1}{4}$	0	2	$15\frac{1}{2}$	0	2	$25\frac{1}{2}$	0	3	$7\frac{3}{4}$	0	3	18
$1\frac{7}{8}$	0	0	$11\frac{3}{4}$	0	0	$23\frac{1}{2}$	0	1	7	0	1	$18\frac{3}{4}$	0	2	$2\frac{1}{2}$	0	2	$14\frac{1}{4}$	0	2	26	0	3	$9\frac{1}{2}$	0	3	$21\frac{1}{2}$	1	0	5
2	0	0	$13\frac{1}{4}$	0	0	$26\frac{1}{2}$	0	1	12	0	1	$25\frac{1}{4}$	0	2	$10\frac{1}{2}$	0	2	24	0	3	$9\frac{1}{4}$	0	3	$22\frac{1}{2}$	1	0	8	1	0	$21\frac{1}{4}$
$2\frac{1}{8}$	0	0	15	0	1	2	0	1	17	0	2	$4\frac{1}{4}$	0	2	$19\frac{1}{4}$	0	3	$6\frac{1}{4}$	0	3	$21\frac{1}{4}$	1	0	$8\frac{1}{4}$	1	0	$23\frac{1}{4}$	1	1	$10\frac{1}{2}$
$2\frac{1}{4}$	0	0	$16\frac{3}{4}$	0	1	$5\frac{3}{4}$	0	1	$22\frac{1}{2}$	0	2	$11\frac{1}{2}$	0	3	$0\frac{1}{4}$	0	3	$17\frac{1}{4}$	1	0	6	1	0	$22\frac{3}{4}$	1	1	$11\frac{3}{4}$	1	2	$0\frac{1}{2}$
$2\frac{3}{8}$	0	0	$18\frac{3}{4}$	0	1	$9\frac{1}{2}$	0	2	$0\frac{1}{2}$	0	2	$19\frac{1}{4}$	0	3	10	1	0	$0\frac{3}{4}$	1	0	$19\frac{1}{2}$	1	1	$10\frac{1}{4}$	1	2	1	1	2	$19\frac{3}{4}$
$2\frac{1}{2}$	0	0	$20\frac{3}{4}$	0	1	$13\frac{1}{2}$	0	2	$6\frac{1}{2}$	0	2	$27\frac{1}{4}$	0	3	20	1	0	$12\frac{3}{4}$	1	1	$5\frac{1}{2}$	1	1	$26\frac{1}{2}$	1	2	$19\frac{1}{4}$	1	3	12
$2\frac{5}{8}$	0	0	23	0	1	18	0	2	$12\frac{3}{4}$	0	3	$7\frac{3}{4}$	1	0	$2\frac{3}{4}$	1	0	$25\frac{1}{2}$	1	1	21	1	2	$15\frac{1}{2}$	1	3	$10\frac{1}{2}$	2	0	$5\frac{1}{2}$
$2\frac{3}{4}$	0	0	$25\frac{1}{4}$	0	1	$22\frac{1}{2}$	0	2	$19\frac{1}{2}$	0	3	$16\frac{3}{4}$	1	0	14	1	1	11	1	2	$8\frac{1}{4}$	1	3	$5\frac{1}{2}$	2	0	$2\frac{1}{2}$	2	0	$27\frac{3}{4}$
$2\frac{7}{8}$	0	0	$27\frac{1}{2}$	0	1	27	0	2	$26\frac{1}{2}$	0	3	26	1	0	$25\frac{1}{2}$	1	1	$25\frac{1}{4}$	1	2	$24\frac{1}{2}$	1	3	24	2	0	$23\frac{3}{4}$	2	1	$23\frac{1}{4}$
3	0	1	2	0	2	4	0	3	6	1	0	8	1	1	10	1	2	12	1	3	14	2	0	16	2	1	18	2	2	20

TABLE No. 13.

WEIGHT OF FLAT BAR-IRON.

FROM $1'' \times \frac{1}{4}''$ TO $6'' \times 1''$, AND FROM 1 FOOT TO 10 FEET IN LENGTH.

TABLE No. 13.—WEIGHT OF FLAT BAR-IRON.

RULE.—Multiply the sectional area in square inches by 3·33. The product is the weight of one foot in pounds. Or, multiply the sectional area in square $\frac{1}{8}$ inches by ·052 for the weight of one foot in pounds.

The weights in the Table are given to the nearest $\frac{1}{4}$ lb.

The Table is useful for finding the weight of butt-straps in boiler-making.

Breadth and Thickness.	Length in Feet.																													
	1			2			3			4			5			6			7			8			9			10		
Inches.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
1 × $\frac{1}{4}$	0	0	$0\frac{3}{4}$	0	0	$1\frac{1}{2}$	0	0	$2\frac{1}{2}$	0	0	$3\frac{1}{4}$	0	0	$4\frac{1}{4}$	0	0	5	0	0	$5\frac{3}{4}$	0	0	$6\frac{1}{2}$	0	0	$7\frac{1}{2}$	0	0	$8\frac{1}{4}$
1 × $\frac{3}{8}$	0	0	$1\frac{1}{4}$	0	0	$2\frac{1}{2}$	0	0	$3\frac{3}{4}$	0	0	5	0	0	$6\frac{1}{4}$	0	0	$7\frac{1}{2}$	0	0	$8\frac{3}{4}$	0	0	10	0	0	$11\frac{1}{4}$	0	0	$12\frac{1}{2}$
1 × $\frac{1}{2}$	0	0	$1\frac{3}{4}$	0	0	$3\frac{1}{4}$	0	0	5	0	0	$6\frac{3}{4}$	0	0	$8\frac{1}{4}$	0	0	10	0	0	$11\frac{3}{4}$	0	0	$13\frac{1}{4}$	0	0	15	0	0	$16\frac{3}{4}$
$1\frac{1}{8}$ × $\frac{1}{4}$	0	0	1	0	0	$1\frac{3}{4}$	0	0	$2\frac{3}{4}$	0	0	$3\frac{3}{4}$	0	0	$4\frac{1}{2}$	0	0	$5\frac{1}{2}$	0	0	$6\frac{1}{2}$	0	0	$7\frac{1}{2}$	0	0	$8\frac{1}{2}$	0	0	$9\frac{1}{2}$
$1\frac{1}{8}$ × $\frac{3}{8}$	0	0	$1\frac{1}{2}$	0	0	$2\frac{3}{4}$	0	0	$4\frac{1}{4}$	0	0	$5\frac{1}{2}$	0	0	7	0	0	$8\frac{1}{2}$	0	0	$9\frac{3}{4}$	0	0	$11\frac{1}{2}$	0	0	$12\frac{3}{4}$	0	0	14
$1\frac{1}{8}$ × $\frac{1}{2}$	0	0	$1\frac{3}{4}$	0	0	$3\frac{3}{4}$	0	0	$5\frac{1}{2}$	0	0	$7\frac{1}{2}$	0	0	$9\frac{1}{4}$	0	0	$11\frac{1}{4}$	0	0	13	0	0	15	0	0	17	0	0	$18\frac{3}{4}$
$1\frac{1}{8}$ × $\frac{5}{8}$	0	0	$2\frac{1}{4}$	0	0	$4\frac{1}{2}$	0	0	7	0	0	$9\frac{1}{4}$	0	0	$11\frac{3}{4}$	0	0	13	0	0	$16\frac{1}{4}$	0	0	$18\frac{3}{4}$	0	0	21	0	0	$23\frac{1}{2}$
$1\frac{1}{4}$ × $\frac{1}{4}$	0	0	1	0	0	2	0	0	3	0	0	4	0	0	$5\frac{1}{4}$	0	0	$6\frac{1}{4}$	0	0	$7\frac{1}{4}$	0	0	$8\frac{1}{4}$	0	0	$9\frac{1}{4}$	0	0	$10\frac{1}{2}$
$1\frac{1}{4}$ × $\frac{3}{8}$	0	0	$1\frac{1}{2}$	0	0	3	0	0	$4\frac{1}{2}$	0	0	$6\frac{1}{4}$	0	0	$7\frac{3}{4}$	0	0	$9\frac{1}{4}$	0	0	11	0	0	$12\frac{1}{2}$	0	0	14	0	0	$15\frac{1}{2}$
$1\frac{1}{4}$ × $\frac{1}{2}$	0	0	2	0	0	4	0	0	$6\frac{1}{4}$	0	0	$8\frac{1}{4}$	0	0	$10\frac{1}{2}$	0	0	$12\frac{1}{2}$	0	0	$14\frac{1}{2}$	0	0	$16\frac{1}{2}$	0	0	$18\frac{3}{4}$	0	0	$20\frac{3}{4}$
$1\frac{1}{4}$ × $\frac{5}{8}$	0	0	$2\frac{1}{2}$	0	0	$5\frac{1}{4}$	0	0	$7\frac{3}{4}$	0	0	$10\frac{1}{2}$	0	0	13	0	0	$15\frac{1}{2}$	0	0	$18\frac{1}{4}$	0	0	$20\frac{3}{4}$	0	0	$23\frac{1}{2}$	0	0	26
$1\frac{1}{4}$ × $\frac{3}{4}$	0	0	3	0	0	$6\frac{1}{4}$	0	0	$9\frac{1}{4}$	0	0	$12\frac{1}{2}$	0	0	$15\frac{1}{2}$	0	0	$18\frac{3}{4}$	0	0	$21\frac{3}{4}$	0	0	25	0	1	0	0	1	$3\frac{1}{4}$
$1\frac{3}{8}$ × $\frac{1}{4}$	0	0	$1\frac{1}{4}$	0	0	$2\frac{1}{4}$	0	0	$3\frac{1}{2}$	0	0	$4\frac{1}{2}$	0	0	$5\frac{3}{4}$	0	0	$6\frac{3}{4}$	0	0	8	0	0	9	0	0	$10\frac{1}{4}$	0	0	$11\frac{1}{2}$

Breadth and Thickness.	Length in Feet.																										
	1			2			3			4			5			6			7			8			9			10		
Inches.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
$1\frac{3}{8} \times \frac{3}{8}$	0	0	$1\frac{3}{4}$	0	0	$3\frac{1}{2}$	0	0	$5\frac{1}{4}$	0	0	$6\frac{3}{4}$	0	0	$8\frac{1}{2}$	0	0	$10\frac{1}{4}$	0	0	12	0	0	$13\frac{1}{2}$	0	0	$15\frac{1}{2}$	0	0	$17\frac{1}{4}$
$1\frac{3}{8} \times \frac{1}{2}$	0	0	$2\frac{1}{4}$	0	0	$4\frac{1}{2}$	0	0	$6\frac{3}{4}$	0	0	$9\frac{1}{4}$	0	0	$11\frac{1}{2}$	0	0	$13\frac{3}{4}$	0	0	16	0	0	$18\frac{1}{4}$	0	0	$20\frac{1}{2}$	0	0	23
$1\frac{3}{8} \times \frac{5}{8}$	0	0	$2\frac{3}{4}$	0	0	$5\frac{3}{4}$	0	0	$8\frac{1}{2}$	0	0	$11\frac{1}{2}$	0	0	$14\frac{1}{2}$	0	0	$17\frac{1}{4}$	0	0	20	0	0	23	0	0	$25\frac{3}{4}$	0	0	$28\frac{3}{4}$
$1\frac{3}{8} \times \frac{3}{4}$	0	0	$3\frac{1}{2}$	0	0	$6\frac{3}{4}$	0	0	$10\frac{1}{4}$	0	0	$13\frac{3}{4}$	0	0	$17\frac{1}{4}$	0	0	$20\frac{1}{2}$	0	0	24	0	0	$27\frac{1}{2}$	0	1	3	0	1	$6\frac{1}{2}$
$1\frac{1}{2} \times \frac{1}{4}$	0	0	$1\frac{1}{4}$	0	0	$2\frac{1}{2}$	0	0	$3\frac{3}{4}$	0	0	5	0	0	$6\frac{1}{4}$	0	0	$7\frac{1}{2}$	0	0	$8\frac{3}{4}$	0	0	10	0	0	$11\frac{1}{4}$	0	0	$12\frac{1}{2}$
$1\frac{1}{2} \times \frac{3}{8}$	0	0	$1\frac{3}{4}$	0	0	$3\frac{3}{4}$	0	0	$5\frac{1}{2}$	0	0	$7\frac{1}{2}$	0	0	$9\frac{1}{2}$	0	0	11	0	0	13	0	0	15	0	0	$16\frac{3}{4}$	0	0	$18\frac{3}{4}$
$1\frac{1}{2} \times \frac{1}{2}$	0	0	$2\frac{1}{2}$	0	0	5	0	0	$7\frac{1}{2}$	0	0	10	0	0	$12\frac{1}{2}$	0	0	15	0	0	$17\frac{1}{2}$	0	0	20	0	0	$22\frac{1}{2}$	0	0	25
$1\frac{1}{2} \times \frac{5}{8}$	0	0	3	0	0	$6\frac{1}{4}$	0	0	$9\frac{1}{4}$	0	0	$12\frac{1}{2}$	0	0	$15\frac{1}{2}$	0	0	$18\frac{3}{4}$	0	0	$21\frac{3}{4}$	0	0	25	0	1	0	0	1	$3\frac{1}{4}$
$1\frac{1}{2} \times \frac{3}{4}$	0	0	$3\frac{3}{4}$	0	0	$7\frac{1}{2}$	0	0	$11\frac{1}{4}$	0	0	15	0	0	$18\frac{3}{4}$	0	0	$22\frac{1}{2}$	0	0	$26\frac{1}{4}$	0	1	2	0	1	$5\frac{3}{4}$	0	1	$9\frac{1}{2}$
$1\frac{1}{2} \times \frac{7}{8}$	0	0	$4\frac{1}{4}$	0	0	$8\frac{3}{4}$	0	0	13	0	0	$17\frac{1}{2}$	0	0	22	0	0	$26\frac{1}{4}$	0	1	$2\frac{1}{2}$	0	1	7	0	1	$11\frac{1}{2}$	0	1	$15\frac{3}{4}$
$1\frac{5}{8} \times \frac{1}{4}$	0	0	$1\frac{1}{2}$	0	0	$2\frac{3}{4}$	0	0	4	0	0	$5\frac{1}{2}$	0	0	$6\frac{3}{4}$	0	0	8	0	0	$9\frac{1}{2}$	0	0	$10\frac{3}{4}$	0	0	$12\frac{1}{4}$	0	0	$13\frac{1}{2}$
$1\frac{5}{8} \times \frac{3}{8}$	0	0	2	0	0	4	0	0	6	0	0	8	0	0	$10\frac{1}{4}$	0	0	$12\frac{1}{4}$	0	0	$14\frac{1}{4}$	0	0	$16\frac{1}{4}$	0	0	$18\frac{1}{4}$	0	0	$20\frac{1}{4}$
$1\frac{5}{8} \times \frac{1}{2}$	0	0	$2\frac{3}{4}$	0	0	$5\frac{1}{2}$	0	0	8	0	0	$10\frac{3}{4}$	0	0	$13\frac{1}{2}$	0	0	$16\frac{1}{4}$	0	0	19	0	0	$21\frac{1}{2}$	0	0	$24\frac{1}{2}$	0	0	27
$1\frac{5}{8} \times \frac{5}{8}$	0	0	$3\frac{1}{2}$	0	0	$6\frac{3}{4}$	0	0	$10\frac{1}{4}$	0	0	$13\frac{1}{2}$	0	0	17	0	0	$20\frac{1}{4}$	0	0	$23\frac{1}{2}$	0	0	27	0	1	$2\frac{1}{2}$	0	1	$5\frac{3}{4}$
$1\frac{5}{8} \times \frac{3}{4}$	0	0	4	0	0	8	0	0	$12\frac{1}{4}$	0	0	$16\frac{1}{4}$	0	0	$20\frac{1}{4}$	0	0	$24\frac{1}{2}$	0	0	$28\frac{1}{2}$	0	1	$4\frac{1}{2}$	0	1	$8\frac{1}{2}$	0	1	$12\frac{1}{2}$
$1\frac{5}{8} \times \frac{7}{8}$	0	0	$4\frac{3}{4}$	0	0	$9\frac{1}{2}$	0	0	14	0	0	19	0	0	$23\frac{3}{4}$	0	1	$0\frac{1}{4}$	0	1	5	0	1	$9\frac{3}{4}$	0	1	$14\frac{3}{4}$	0	1	$19\frac{1}{2}$
$1\frac{3}{4} \times \frac{1}{4}$	0	0	$1\frac{1}{2}$	0	0	3	0	0	$4\frac{1}{4}$	0	0	$5\frac{3}{4}$	0	0	$7\frac{1}{4}$	0	0	$8\frac{3}{4}$	0	0	$10\frac{1}{4}$	0	0	$11\frac{1}{2}$	0	0	13	0	0	$14\frac{1}{2}$
$1\frac{3}{4} \times \frac{3}{8}$	0	0	$2\frac{1}{4}$	0	0	$4\frac{1}{2}$	0	0	$6\frac{1}{2}$	0	0	$8\frac{3}{4}$	0	0	11	0	0	$13\frac{1}{4}$	0	0	$15\frac{1}{4}$	0	0	$17\frac{1}{2}$	0	0	$19\frac{3}{4}$	0	0	22

Breadth and Thickness.	Length in Feet. 1			2			3			4			5			6			7			8			9			10		
Inches.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
$1\frac{3}{4} \times \frac{1}{2}$	0	0	3	0	0	$5\frac{3}{4}$	0	0	$8\frac{3}{4}$	0	0	$11\frac{1}{2}$	0	0	$14\frac{1}{2}$	0	0	$17\frac{1}{2}$	0	0	$20\frac{1}{4}$	0	0	$23\frac{1}{4}$	0	0	$26\frac{1}{4}$	0	1	$1\frac{1}{4}$
$1\frac{3}{4} \times \frac{5}{8}$	0	0	$3\frac{1}{2}$	0	0	$7\frac{1}{4}$	0	0	11	0	0	$14\frac{1}{2}$	0	0	$19\frac{1}{4}$	0	0	$21\frac{3}{4}$	0	0	$25\frac{1}{2}$	0	1	1	0	1	$4\frac{3}{4}$	0	1	$8\frac{1}{2}$
$1\frac{3}{4} \times \frac{3}{4}$	0	0	$4\frac{1}{4}$	0	0	$8\frac{3}{4}$	0	0	13	0	0	$17\frac{1}{2}$	0	0	22	0	0	$26\frac{1}{4}$	0	1	$2\frac{1}{2}$	0	1	7	0	1	$11\frac{1}{2}$	0	1	$15\frac{3}{4}$
$1\frac{3}{4} \times \frac{7}{8}$	0	0	5	0	0	10	0	0	$15\frac{1}{4}$	0	0	$20\frac{1}{2}$	0	0	$25\frac{1}{2}$	0	1	$2\frac{1}{2}$	0	1	$7\frac{1}{2}$	0	1	$12\frac{3}{4}$	0	1	$17\frac{3}{4}$	0	1	23
$1\frac{7}{8} \times \frac{1}{4}$	0	0	$1\frac{1}{2}$	0	0	3	0	0	$4\frac{1}{2}$	0	0	$6\frac{1}{4}$	0	0	$7\frac{3}{4}$	0	0	$9\frac{1}{2}$	0	0	11	0	0	$12\frac{1}{2}$	0	0	14	0	0	$15\frac{1}{2}$
$1\frac{7}{8} \times \frac{3}{8}$	0	0	$2\frac{1}{4}$	0	0	$4\frac{1}{2}$	0	0	7	0	0	$9\frac{1}{4}$	0	0	$11\frac{1}{2}$	0	0	14	0	0	$16\frac{1}{4}$	0	0	$18\frac{1}{2}$	0	0	21	0	0	$23\frac{1}{2}$
$1\frac{7}{8} \times \frac{1}{2}$	0	0	$3\frac{1}{4}$	0	0	$6\frac{1}{4}$	0	0	$9\frac{1}{4}$	0	0	$12\frac{1}{2}$	0	0	$15\frac{1}{2}$	0	0	$18\frac{3}{4}$	0	0	$21\frac{3}{4}$	0	0	25	0	1	0	0	1	$3\frac{1}{4}$
$1\frac{7}{8} \times \frac{5}{8}$	0	0	4	0	0	$7\frac{3}{4}$	0	0	$11\frac{3}{4}$	0	0	$14\frac{1}{2}$	0	0	$19\frac{1}{2}$	0	0	$23\frac{1}{2}$	0	0	$27\frac{1}{4}$	0	1	$3\frac{3}{4}$	0	1	7	0	1	11
$1\frac{7}{8} \times \frac{3}{4}$	0	0	$4\frac{1}{2}$	0	0	$9\frac{1}{4}$	0	0	14	0	0	$18\frac{3}{4}$	0	0	$23\frac{1}{2}$	0	1	0	0	1	$2\frac{3}{4}$	0	1	$9\frac{1}{2}$	0	1	$14\frac{1}{4}$	0	1	19
$1\frac{7}{8} \times \frac{7}{8}$	0	0	$5\frac{1}{2}$	0	0	11	0	0	$16\frac{1}{2}$	0	0	22	0	0	$27\frac{1}{4}$	0	1	$4\frac{1}{4}$	0	1	$10\frac{1}{4}$	0	1	16	0	1	$21\frac{1}{2}$	0	1	$26\frac{3}{4}$
$2 \times \frac{1}{4}$	0	0	$1\frac{1}{2}$	0	0	$3\frac{1}{4}$	0	0	5	0	0	$6\frac{1}{2}$	0	0	$8\frac{1}{4}$	0	0	10	0	0	$11\frac{3}{4}$	0	0	$13\frac{1}{4}$	0	0	15	0	0	$16\frac{3}{4}$
$2 \times \frac{3}{8}$	0	0	$2\frac{1}{2}$	0	0	5	0	0	$7\frac{1}{2}$	0	0	10	0	0	$12\frac{1}{2}$	0	0	15	0	0	$17\frac{1}{2}$	0	0	20	0	0	$22\frac{1}{2}$	0	0	25
$2 \times \frac{1}{2}$	0	0	$3\frac{1}{4}$	0	0	$6\frac{1}{2}$	0	0	10	0	0	$13\frac{1}{4}$	0	0	$16\frac{1}{2}$	0	0	20	0	0	$23\frac{1}{4}$	0	0	$26\frac{3}{4}$	0	1	2	0	1	$4\frac{1}{4}$
$2 \times \frac{5}{8}$	0	0	4	0	0	$8\frac{1}{4}$	0	0	$12\frac{1}{2}$	0	0	$16\frac{1}{2}$	0	0	$20\frac{1}{2}$	0	0	25	0	1	1	0	1	$5\frac{1}{4}$	1	$9\frac{1}{2}$	0	1	$13\frac{1}{2}$
$2 \times \frac{3}{4}$	0	0	5	0	0	10	0	0	15	0	0	20	0	0	25	0	1	2	0	1	7	0	1	12	0	1	17	0	1	22
$2 \times \frac{7}{8}$	0	0	$5\frac{3}{4}$	0	0	$11\frac{1}{2}$	0	0	$17\frac{1}{2}$	0	0	$23\frac{1}{4}$	0	1	1	0	1	7	0	1	$12\frac{3}{4}$	0	1	$18\frac{1}{2}$	0	1	$24\frac{1}{2}$	0	2	$2\frac{1}{4}$
2×1	0	0	$6\frac{1}{2}$	0	0	$13\frac{1}{4}$	0	0	20	0	0	$26\frac{1}{2}$	0	1	$5\frac{1}{4}$	0	1	12	0	1	$18\frac{1}{2}$	0	1	$25\frac{1}{2}$	0	2	4	0	2	$10\frac{3}{4}$
$2\frac{1}{8} \times \frac{1}{4}$	0	0	$1\frac{3}{4}$	0	0	$3\frac{1}{2}$	0	0	$5\frac{1}{4}$	0	0	7	0	0	$8\frac{3}{4}$	0	0	$10\frac{1}{2}$	0	0	$12\frac{1}{2}$	0	0	$14\frac{1}{4}$	0	0	16	0	0	$17\frac{3}{4}$

Breadth and Thickness.	Length in Feet.																													
	1			2			3			4			5			6			7			8			9			10		
Inches.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
$2\frac{1}{8} \times \frac{3}{8}$	0	0	$2\frac{1}{2}$	0	0	$5\frac{1}{4}$	0	0	8	0	0	$10\frac{1}{2}$	0	0	$13\frac{1}{4}$	0	0	16	0	0	$18\frac{1}{2}$	0	0	$21\frac{1}{4}$	0	0	$23\frac{3}{4}$	0	0	$26\frac{1}{2}$
$2\frac{1}{8} \times \frac{1}{2}$	0	0	$3\frac{1}{2}$	0	0	7	0	0	$10\frac{1}{2}$	0	0	14	0	0	$17\frac{1}{2}$	0	0	$21\frac{1}{4}$	0	0	$24\frac{3}{4}$	0	1	$0\frac{1}{4}$	0	1	4	0	1	$7\frac{1}{4}$
$2\frac{1}{8} \times \frac{5}{8}$	0	0	$4\frac{1}{2}$	0	0	$8\frac{3}{4}$	0	0	$13\frac{1}{4}$	0	0	$17\frac{1}{2}$	0	0	22	0	0	$26\frac{1}{2}$	0	1	3	0	1	$7\frac{1}{2}$	0	1	$11\frac{3}{4}$	0	1	$16\frac{1}{4}$
$2\frac{1}{8} \times \frac{3}{4}$	0	0	$5\frac{1}{4}$	0	0	$10\frac{1}{2}$	0	0	16	0	0	$21\frac{1}{4}$	0	0	$26\frac{1}{2}$	0	1	2	0	1	9	0	1	$14\frac{1}{2}$	0	1	$19\frac{3}{4}$	0	1	25
$2\frac{1}{8} \times \frac{7}{8}$	0	0	$6\frac{1}{4}$	0	0	$12\frac{1}{2}$	0	0	$18\frac{1}{2}$	0	0	$24\frac{3}{4}$	0	1	3	0	1	9	0	1	$15\frac{1}{2}$	0	1	$21\frac{1}{2}$	0	1	$27\frac{3}{4}$	0	2	6
$2\frac{1}{8} \times 1$	0	0	7	0	0	$14\frac{1}{4}$	0	0	$21\frac{1}{4}$	1	0	$0\frac{1}{4}$	0	1	$7\frac{1}{4}$	0	1	$14\frac{1}{2}$	0	1	$21\frac{1}{2}$	0	2	$0\frac{3}{4}$	0	2	$7\frac{3}{4}$	0	2	$14\frac{3}{4}$
$2\frac{1}{4} \times \frac{1}{4}$	0	0	$1\frac{3}{4}$	0	0	$3\frac{3}{4}$	0	0	$5\frac{1}{2}$	0	0	$7\frac{1}{2}$	0	0	$9\frac{1}{4}$	0	0	$11\frac{1}{4}$	0	0	13	0	0	15	0	0	$16\frac{3}{4}$	0	0	$18\frac{3}{4}$
$2\frac{1}{4} \times \frac{3}{8}$	0	0	$2\frac{3}{4}$	0	0	$5\frac{1}{2}$	0	0	$8\frac{1}{2}$	0	0	$11\frac{1}{4}$	0	0	14	0	0	17	0	0	$19\frac{3}{4}$	0	0	$22\frac{1}{2}$	0	0	$25\frac{1}{4}$	1	0	
$2\frac{1}{4} \times \frac{1}{2}$	0	0	$3\frac{3}{4}$	0	0	$7\frac{1}{2}$	0	0	$11\frac{1}{4}$	0	0	15	0	0	$18\frac{3}{4}$	0	0	$22\frac{1}{2}$	0	0	$26\frac{1}{4}$	1	2		0	1	$5\frac{3}{4}$	1	$9\frac{1}{2}$	
$2\frac{1}{4} \times \frac{5}{8}$	0	0	$4\frac{1}{2}$	0	0	$9\frac{1}{4}$	0	0	14	0	0	$18\frac{3}{4}$	0	0	$23\frac{1}{2}$	1	0	0	0	1	$4\frac{3}{4}$	0	1	$9\frac{1}{2}$	0	1	14	0	1	19
$2\frac{1}{4} \times \frac{3}{4}$	0	0	$5\frac{1}{2}$	0	0	$11\frac{1}{4}$	0	0	$16\frac{3}{4}$	0	0	$22\frac{1}{2}$	0	1	0	0	1	$5\frac{1}{2}$	0	1	$11\frac{1}{4}$	0	1	$16\frac{3}{4}$	0	1	$22\frac{1}{2}$	0	2	$0\frac{1}{4}$
$2\frac{1}{4} \times \frac{7}{8}$	0	0	$6\frac{1}{2}$	0	0	13	0	0	$19\frac{1}{2}$	0	0	$26\frac{1}{4}$	0	1	$4\frac{3}{4}$	0	1	$11\frac{1}{4}$	0	1	18	0	1	$24\frac{1}{2}$	0	2	3	0	2	$9\frac{1}{2}$
$2\frac{1}{4} \times 1$	0	0	$7\frac{1}{2}$	0	0	15	0	0	$22\frac{1}{2}$	1	2	0	1	$9\frac{1}{2}$	0	1	17	0	1	$24\frac{1}{2}$	0	2	4	0	2	$11\frac{1}{2}$	0	2	$21\frac{1}{2}$
$2\frac{3}{8} \times \frac{1}{4}$	0	0	2	0	0	4	0	0	6	0	0	$7\frac{3}{4}$	0	0	$9\frac{3}{4}$	0	0	$11\frac{3}{4}$	0	0	$13\frac{3}{4}$	0	0	$15\frac{3}{4}$	0	0	$17\frac{3}{4}$	0	0	$19\frac{3}{4}$
$2\frac{3}{8} \times \frac{3}{8}$	0	0	3	0	0	6	0	0	$8\frac{3}{4}$	0	0	$11\frac{3}{4}$	0	0	$14\frac{3}{4}$	0	0	$17\frac{3}{4}$	0	0	$20\frac{3}{4}$	0	0	$23\frac{3}{4}$	0	0	$26\frac{1}{2}$	0	0	$29\frac{1}{2}$
$2\frac{3}{8} \times \frac{1}{2}$	0	0	4	0	0	8	0	0	$11\frac{3}{4}$	0	0	$15\frac{3}{4}$	0	0	$19\frac{3}{4}$	0	0	$23\frac{3}{4}$	0	1	0	0	1	$3\frac{1}{2}$	0	1	$7\frac{1}{2}$	0	1	$11\frac{1}{2}$
$2\frac{3}{8} \times \frac{5}{8}$	0	0	5	0	0	10	0	0	$14\frac{3}{4}$	0	0	$19\frac{3}{4}$	0	0	$24\frac{3}{4}$	0	1	$1\frac{1}{2}$	0	1	$6\frac{1}{2}$	0	1	$11\frac{1}{2}$	0	1	$16\frac{1}{2}$	0	1	$21\frac{1}{2}$
$2\frac{3}{8} \times \frac{3}{4}$	0	0	6	0	0	$11\frac{3}{4}$	0	0	$17\frac{3}{4}$	0	0	$23\frac{3}{4}$	0	1	$1\frac{1}{2}$	0	1	$7\frac{1}{2}$	0	1	$13\frac{1}{2}$	0	1	$19\frac{1}{4}$	0	1	$25\frac{1}{4}$	0	2	$3\frac{1}{4}$

Breadth and Thickness.	Length in Feet.																													
	1			2			3			4			5			6			7			8			9			10		
Inches.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	ors.	lbs.
$2\frac{3}{8} \times \frac{7}{8}$	0	0	7	0	0	$13\frac{3}{4}$	0	0	$20\frac{3}{4}$	0	0	$27\frac{1}{2}$	0	1	$6\frac{1}{2}$	0	1	$13\frac{1}{2}$	0	1	$20\frac{1}{4}$	0	1	$27\frac{1}{2}$	0	2	$6\frac{1}{4}$	0	2	$13\frac{1}{4}$
$2\frac{3}{8} \times 1$	0	0	8	0	0	$15\frac{3}{4}$	0	0	$23\frac{3}{4}$	0	1	$3\frac{3}{4}$	0	1	$11\frac{1}{2}$	0	1	$19\frac{1}{2}$	0	1	$27\frac{1}{2}$	0	2	$7\frac{1}{4}$	0	2	$15\frac{1}{4}$	0	2	$23\frac{1}{4}$
$2\frac{1}{2} \times \frac{1}{4}$	0	0	2	0	0	$4\frac{1}{4}$	0	0	$6\frac{1}{4}$	0	0	$8\frac{1}{4}$	0	0	$10\frac{1}{2}$	0	0	$12\frac{1}{2}$	0	0	$14\frac{1}{2}$	0	0	$16\frac{1}{2}$	0	0	$18\frac{3}{4}$	0	0	$20\frac{3}{4}$
$2\frac{1}{2} \times \frac{3}{8}$	0	0	3	0	0	$6\frac{1}{4}$	0	0	$9\frac{1}{4}$	0	0	$12\frac{1}{2}$	0	0	$15\frac{1}{2}$	0	0	$18\frac{3}{4}$	0	0	22	0	0	25	0	1	0	0	1	$3\frac{1}{4}$
$2\frac{1}{2} \times \frac{1}{2}$	0	0	$4\frac{1}{4}$	0	0	$8\frac{1}{4}$	0	0	$12\frac{1}{2}$	0	0	$16\frac{1}{2}$	0	0	$20\frac{3}{4}$	0	0	25	0	1	$1\frac{1}{4}$	0	1	$5\frac{1}{4}$	0	1	$9\frac{1}{2}$	0	1	$13\frac{1}{2}$
$2\frac{1}{2} \times \frac{5}{8}$	0	0	$5\frac{1}{4}$	0	0	$10\frac{1}{2}$	0	0	$15\frac{1}{2}$	0	0	$20\frac{3}{4}$	0	0	26	0	1	$3\frac{1}{2}$	0	1	$8\frac{1}{2}$	0	1	$13\frac{1}{2}$	0	1	$18\frac{3}{4}$	0	1	24
$2\frac{1}{2} \times \frac{3}{4}$	0	0	$6\frac{1}{4}$	0	0	$12\frac{1}{2}$	0	0	$18\frac{3}{4}$	0	0	25	0	1	$3\frac{1}{4}$	0	1	$9\frac{1}{2}$	0	1	$15\frac{3}{4}$	0	1	22	0	2	$0\frac{1}{4}$	0	2	$6\frac{1}{2}$
$2\frac{1}{2} \times \frac{7}{8}$	0	0	$7\frac{1}{4}$	0	0	$14\frac{1}{2}$	0	0	22	0	1	$1\frac{1}{4}$	0	1	$8\frac{1}{2}$	0	1	$15\frac{3}{4}$	0	1	23	0	2	$2\frac{1}{2}$	0	2	$9\frac{3}{4}$	0	2	17
$2\frac{1}{2} \times 1$	0	0	$8\frac{1}{4}$	0	0	$16\frac{3}{4}$	0	0	25	0	1	$5\frac{1}{2}$	0	1	$13\frac{3}{4}$	0	1	22	0	2	$2\frac{1}{2}$	0	2	$10\frac{3}{4}$	0	2	19	0	2	$27\frac{1}{2}$
$2\frac{3}{8} \times \frac{1}{4}$	0	0	$2\frac{1}{4}$	0	0	$4\frac{1}{4}$	0	0	$6\frac{1}{2}$	0	0	$8\frac{3}{4}$	0	0	11	0	0	13	0	0	$15\frac{1}{4}$	0	0	$17\frac{1}{2}$	0	0	$19\frac{3}{4}$	0	0	$21\frac{3}{4}$
$2\frac{5}{8} \times \frac{3}{8}$	0	0	$3\frac{1}{4}$	0	0	$6\frac{1}{2}$	0	0	$9\frac{3}{4}$	0	0	13	0	0	$16\frac{1}{4}$	0	0	$19\frac{1}{2}$	0	0	23	0	0	$26\frac{1}{4}$	0	1	$1\frac{1}{2}$	0	1	$4\frac{3}{4}$
$2\frac{5}{8} \times \frac{1}{2}$	0	0	$4\frac{1}{4}$	0	0	$8\frac{3}{4}$	0	0	13	0	0	$17\frac{1}{2}$	0	0	$21\frac{3}{4}$	0	0	$26\frac{1}{4}$	0	1	$2\frac{1}{2}$	0	1	7	0	1	$11\frac{1}{2}$	0	1	$15\frac{1}{2}$
$2\frac{5}{8} \times \frac{5}{8}$	0	0	$5\frac{1}{2}$	0	0	11	0	0	$16\frac{1}{4}$	0	0	$21\frac{3}{4}$	0	0	$27\frac{1}{4}$	0	1	$4\frac{3}{4}$	0	1	$10\frac{1}{4}$	0	1	$15\frac{3}{4}$	0	1	$21\frac{1}{4}$	0	1	$26\frac{1}{2}$
$2\frac{5}{8} \times \frac{3}{4}$	0	0	$6\frac{1}{2}$	0	0	13	0	0	$19\frac{1}{2}$	0	0	$26\frac{1}{4}$	0	1	$4\frac{3}{4}$	0	1	$11\frac{1}{2}$	0	1	$17\frac{3}{4}$	0	1	$24\frac{1}{2}$	0	2	3	0	2	$9\frac{1}{2}$
$2\frac{5}{8} \times \frac{7}{8}$	0	0	$7\frac{1}{2}$	0	0	$15\frac{1}{4}$	0	0	23	0	1	$2\frac{1}{2}$	0	1	$10\frac{1}{4}$	0	1	$17\frac{3}{4}$	0	1	$25\frac{1}{2}$	0	2	5	0	2	$12\frac{3}{4}$	0	2	$20\frac{1}{2}$
$2\frac{5}{8} \times 1$	0	0	$8\frac{3}{4}$	0	0	$17\frac{1}{2}$	0	0	$26\frac{1}{4}$	0	1	7	0	1	$15\frac{3}{4}$	0	1	$24\frac{1}{2}$	0	2	$5\frac{1}{4}$	0	2	14	0	2	$22\frac{3}{4}$	0	3	$3\frac{1}{4}$
$2\frac{3}{4} \times \frac{1}{4}$	0	0	$2\frac{1}{4}$	0	0	$4\frac{1}{2}$	0	0	$6\frac{3}{4}$	0	0	$9\frac{1}{4}$	0	0	$11\frac{1}{2}$	0	0	$13\frac{1}{2}$	0	0	16	0	0	$18\frac{1}{4}$	0	0	$20\frac{1}{2}$	0	0	$22\frac{3}{4}$
$2\frac{3}{4} \times \frac{3}{8}$	0	0	$3\frac{1}{2}$	0	0	$6\frac{3}{4}$	0	0	$10\frac{1}{4}$	0	0	$13\frac{3}{4}$	0	0	$17\frac{1}{4}$	0	0	$20\frac{1}{2}$	0	0	24	0	0	$27\frac{1}{2}$	0	1	3	0	1	$6\frac{1}{4}$

Breadth and Thickness.	Length in Feet.																							
	1			2			3			4			5			6			7			8			9			10		
Inches.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
$2\frac{3}{4} \times \frac{1}{2}$	0	0	$4\frac{1}{2}$	0	0	$9\frac{1}{4}$	0	0	$13\frac{3}{4}$	0	0	$18\frac{1}{4}$	0	0	$22\frac{3}{4}$	0	0	$27\frac{1}{2}$	0	1	4	0	1	$8\frac{1}{2}$	0	1	$13\frac{1}{4}$	0	1	$17\frac{3}{4}$
$2\frac{3}{4} \times \frac{5}{8}$	0	0	$5\frac{3}{4}$	0	0	$11\frac{1}{2}$	0	0	$17\frac{1}{4}$	0	0	$22\frac{3}{4}$	0	1	$0\frac{1}{2}$	0	1	$6\frac{1}{4}$	0	1	12	0	1	$17\frac{3}{4}$	0	1	$23\frac{1}{2}$	0	2	$1\frac{1}{4}$
$2\frac{3}{4} \times \frac{3}{4}$	0	0	$6\frac{3}{4}$	0	0	$13\frac{3}{4}$	0	0	$20\frac{1}{2}$	0	0	$27\frac{1}{2}$	0	1	$6\frac{1}{2}$	0	1	$13\frac{1}{4}$	0	1	20	0	1	27	0	2	6	0	2	$12\frac{3}{4}$
$2\frac{3}{4} \times \frac{7}{8}$	0	0	8	0	0	$16\frac{1}{4}$	0	0	$24\frac{1}{4}$	0	1	$4\frac{1}{4}$	0	1	12	0	1	20	0	2	$0\frac{1}{4}$	0	2	$8\frac{1}{4}$	0	2	$16\frac{1}{4}$	0	2	$24\frac{1}{2}$
$2\frac{3}{4} \times 1$	0	0	$9\frac{1}{4}$	0	0	$18\frac{1}{4}$	0	0	$27\frac{1}{2}$	0	1	$8\frac{3}{4}$	0	1	18	0	1	27	0	2	$8\frac{1}{4}$	0	2	$17\frac{1}{2}$	0	2	$26\frac{1}{2}$	0	3	$7\frac{3}{4}$
$2\frac{7}{8} \times \frac{1}{4}$	0	0	$2\frac{1}{4}$	0	0	$4\frac{3}{4}$	0	0	$7\frac{1}{4}$	0	0	$9\frac{1}{2}$	0	0	12	0	0	$14\frac{1}{4}$	0	0	$16\frac{3}{4}$	0	0	19	0	0	$21\frac{1}{2}$	0	0	24
$2\frac{7}{8} \times \frac{3}{8}$	0	0	$3\frac{1}{2}$	0	0	$7\frac{1}{4}$	0	0	$10\frac{3}{4}$	0	0	$14\frac{1}{4}$	0	0	18	0	0	$21\frac{1}{2}$	0	0	$25\frac{1}{4}$	0	1	$0\frac{3}{4}$	0	1	$4\frac{1}{4}$	0	1	$7\frac{3}{4}$
$2\frac{7}{8} \times \frac{1}{2}$	0	0	$4\frac{3}{4}$	0	0	$9\frac{1}{2}$	0	0	$14\frac{1}{4}$	0	0	19	0	0	24	0	1	$0\frac{1}{2}$	0	1	$5\frac{1}{2}$	0	1	$10\frac{1}{4}$	0	1	15	0	1	$19\frac{3}{4}$
$2\frac{7}{8} \times \frac{5}{8}$	0	0	6	0	0	12	0	0	18	0	0	24	0	1	2	0	1	8	0	1	14	0	1	20	0	1	26	0	2	4
$2\frac{7}{8} \times \frac{3}{4}$	0	0	$7\frac{1}{4}$	0	0	$14\frac{1}{2}$	0	0	$21\frac{1}{2}$	0	1	$0\frac{3}{4}$	0	1	8	0	1	15	0	1	$22\frac{1}{4}$	0	2	$1\frac{1}{2}$	0	2	$8\frac{3}{4}$	0	2	16
$2\frac{7}{8} \times \frac{7}{8}$	0	0	$8\frac{1}{4}$	0	0	$16\frac{3}{4}$	0	0	$25\frac{1}{4}$	0	1	$5\frac{1}{2}$	0	1	14	0	1	$22\frac{1}{4}$	0	2	$2\frac{3}{4}$	0	2	$11\frac{1}{4}$	0	2	$19\frac{1}{2}$	0	2	$27\frac{3}{4}$
$2\frac{7}{8} \times 1$	0	0	$9\frac{1}{2}$	0	0	$19\frac{1}{4}$	1	0	$0\frac{3}{4}$	0	1	$10\frac{1}{4}$	0	1	20	0	2	$1\frac{1}{2}$	0	2	11	0	2	$20\frac{3}{4}$	0	3	$2\frac{1}{4}$	0	3	$11\frac{3}{4}$
$3 \times \frac{1}{4}$	0	0	$2\frac{1}{2}$	0	0	5	0	0	$7\frac{1}{2}$	0	0	10	0	0	$12\frac{1}{2}$	0	0	15	0	0	$17\frac{1}{2}$	0	0	20	0	0	$22\frac{1}{2}$	0	0	25
$3 \times \frac{3}{8}$	0	0	$3\frac{3}{4}$	0	0	$7\frac{1}{2}$	0	0	$11\frac{1}{4}$	0	0	15	0	0	$18\frac{3}{4}$	0	0	$22\frac{1}{2}$	0	0	$26\frac{1}{4}$	0	1	2	0	1	$5\frac{3}{4}$	0	1	$9\frac{1}{2}$
$3 \times \frac{1}{2}$	0	0	5	0	0	10	0	0	15	0	0	20	0	0	25	0	1	2	0	1	7	0	1	12	0	1	17	0	1	22
$3 \times \frac{5}{8}$	0	0	$6\frac{1}{4}$	0	0	$12\frac{1}{2}$	0	0	$18\frac{3}{4}$	0	0	25	0	1	$3\frac{1}{4}$	0	1	$9\frac{1}{2}$	0	1	$15\frac{1}{2}$	0	1	22	0	2	$0\frac{1}{4}$	0	2	$6\frac{1}{2}$
$3 \times \frac{3}{4}$	0	0	$7\frac{1}{2}$	0	0	15	0	0	$22\frac{1}{2}$	0	1	2	0	1	$9\frac{1}{2}$	0	1	17	0	1	$24\frac{1}{2}$	0	2	4	0	2	$11\frac{1}{2}$	0	2	19
$3 \times \frac{7}{8}$	0	0	$8\frac{3}{4}$	0	0	$17\frac{1}{2}$	0	0	$26\frac{1}{4}$	0	1	7	0	1	$15\frac{1}{2}$	0	1	$24\frac{1}{2}$	0	2	5	0	2	14	0	2	$22\frac{3}{4}$	0	3	$3\frac{1}{4}$

Breadth. and Thickness.	Length in Feet. 1			2			3			4			5			6			7			8			9			10		
Inches.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
3 ×1	0	0	10	0	0	20	0	1	2	0	1	12	0	1	22	0	2	4	0	2	14	0	2	24	0	3	6	0	3	16
3⅛ × ¼	0	0	2½	0	0	5¼	0	0	7¾	0	0	10½	0	0	13	0	0	15½	0	0	18¼	0	0	20¾	0	0	23½	0	0	26
3⅛ × ⅜	0	0	4	0	0	7¾	0	0	11¾	0	0	15½	0	0	19½	0	0	23½	0	0	27¼	0	1	3¼	0	1	7	0	1	11
3⅛ × ½	0	0	5¼	0	0	10½	0	0	16½	0	0	20¾	0	0	26	0	1	3¼	0	1	8½	0	1	13½	0	1	18¾	0	1	24
3⅛ × ⅝	0	0	6½	0	0	13	0	0	19½	0	0	26	0	1	4½	0	1	11	0	1	17½	0	1	24	0	2	3½	0	2	9
3⅛ × ¾	0	0	7¾	0	0	15½	0	0	23½	0	1	3¼	0	1	11	0	1	18¾	0	1	26½	0	2	6½	0	2	14¼	0	2	22
3⅛ × ⅞	0	0	9	0	0	18¼	0	0	27¼	0	1	8½	0	1	17½	0	1	26½	0	2	7⅝	0	2	16¾	0	2	26	0	3	7
3⅛ ×1	0	0	10½	0	0	20¾	0	1	3¼	0	1	13½	0	1	26	0	2	9	0	2	19¾	0	3	2½	0	3	13¼	0	3	24¼
3¼ × ¼	0	0	2¾	0	0	5½	0	0	8¼	0	0	10¾	0	0	13½	0	0	16¼	0	0	19	0	0	21½	0	0	24¼	0	0	27
3¼ × ⅜	0	0	4	0	0	8	0	0	12¼	0	0	16¼	0	0	20¼	0	0	24¼	0	1	0¼	0	1	4½	0	1	8½	0	1	12½
3¼ × ½	0	0	5½	0	0	10¾	0	0	16¼	0	0	21¾	0	0	27¼	0	1	4½	0	1	10	0	1	15½	0	1	21	0	1	26½
3¼ × ⅝	0	0	6¾	0	0	13½	0	0	20¼	0	0	27	0	1	5¾	0	1	12½	0	1	19¼	0	1	26	0	2	4¾	0	2	11½
3¼ × ¾	0	0	8¼	0	0	16¼	0	0	24½	0	1	4½	0	1	12¾	0	1	20¾	0	2	1	0	2	9	0	2	17¼	0	2	25½
3¼ × ⅞	0	0	9½	0	0	19	0	1	0¼	0	1	10	0	1	19½	0	2	0¾	0	2	10¼	0	2	19¾	0	3	1¼	0	3	10½
3¼ ×1	0	0	10¾	0	0	21½	0	1	4½	0	1	15¼	0	1	26	0	2	9	0	2	19¾	0	3	2½	0	3	13¼	0	3	24¼
3⅜ × ¼	0	0	2¾	0	0	5½	0	0	8½	0	0	11¼	0	0	14	0	0	16¾	0	0	19½	0	0	22½	0	0	25½	0	1	0
3⅜ × ⅜	0	0	4¼	0	0	8½	0	0	12½	0	0	16¾	0	0	21	0	0	25¼	0	1	1½	0	1	5½	0	1	9¾	0	1	14
3⅜ × ½	0	0	5½	0	0	11¼	0	0	16¾	0	0	22½	0	1	0	0	1	5¾	0	1	11¼	0	1	17	0	1	21½	0	2	0¼

Breadth and Thickness.	Length in Feet. 1			2			3			4			5			6			7			8			9			10		
Inches.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
$3\frac{3}{8} \times \frac{5}{8}$	0	0	7	0	0	14	0	0	21	0	1	0	0	1	7	0	1	14	0	1	$21\frac{1}{4}$	0	2	$0\frac{1}{4}$	0	2	$7\frac{1}{4}$	0	2	$14\frac{1}{4}$
$3\frac{3}{8} \times \frac{3}{4}$	0	0	$8\frac{1}{2}$	0	0	$16\frac{3}{4}$	0	0	$25\frac{1}{4}$	0	1	$5\frac{1}{2}$	0	1	14	0	1	$22\frac{1}{2}$	0	2	3	0	2	$10\frac{1}{4}$	0	2	$19\frac{3}{4}$	0	2	$26\frac{1}{4}$
$3\frac{3}{8} \times \frac{7}{8}$	0	0	$9\frac{3}{4}$	0	0	$19\frac{1}{2}$	0	1	$1\frac{1}{2}$	0	1	$11\frac{1}{4}$	0	1	21	0	2	3	0	2	$12\frac{1}{2}$	0	2	$22\frac{1}{2}$	0	3	$4\frac{1}{4}$	0	3	$14\frac{1}{4}$
$3\frac{3}{8} \times 1$	0	0	$11\frac{1}{4}$	0	0	$22\frac{1}{2}$	0	1	$5\frac{1}{2}$	0	1	17	0	2	$0\frac{1}{4}$	0	2	$11\frac{1}{4}$	0	2	$22\frac{3}{4}$	0	3	$5\frac{3}{4}$	0	3	17	1	0	$0\frac{1}{4}$
$3\frac{1}{2} \times \frac{1}{4}$	0	0	3	0	0	$5\frac{3}{4}$	0	0	$8\frac{3}{4}$	0	0	$11\frac{1}{2}$	0	0	$14\frac{1}{2}$	0	0	$17\frac{1}{2}$	0	0	$20\frac{1}{4}$	0	0	$23\frac{1}{4}$	0	0	$26\frac{1}{4}$	0	1	1
$3\frac{1}{2} \times \frac{3}{8}$	0	0	$4\frac{1}{4}$	0	0	$8\frac{3}{4}$	0	0	13	0	0	$17\frac{1}{2}$	0	0	$21\frac{3}{4}$	0	0	$26\frac{1}{4}$	0	1	$2\frac{1}{2}$	0	1	7	0	1	$11\frac{1}{4}$	0	1	$15\frac{3}{4}$
$3\frac{1}{2} \times \frac{1}{2}$	0	0	$5\frac{3}{4}$	0	0	$11\frac{3}{4}$	0	0	$17\frac{1}{2}$	0	0	$25\frac{3}{4}$	0	1	$1\frac{1}{4}$	0	1	7	0	1	$12\frac{3}{4}$	0	1	$18\frac{3}{4}$	0	1	$24\frac{1}{2}$	0	2	$2\frac{1}{4}$
$3\frac{1}{2} \times \frac{5}{8}$	0	0	$7\frac{1}{4}$	0	0	$14\frac{1}{2}$	0	0	$21\frac{3}{4}$	0	1	1	0	1	$8\frac{1}{2}$	0	1	$15\frac{1}{2}$	0	1	23	0	2	$2\frac{1}{4}$	0	2	$9\frac{1}{2}$	0	2	$16\frac{3}{4}$
$3\frac{1}{2} \times \frac{3}{4}$	0	0	$8\frac{3}{4}$	0	0	$17\frac{1}{2}$	0	0	$26\frac{1}{4}$	0	1	7	0	1	$15\frac{3}{4}$	0	1	$24\frac{1}{2}$	0	2	$5\frac{1}{4}$	0	2	14	0	2	$22\frac{1}{2}$	0	3	$3\frac{1}{2}$
$3\frac{1}{2} \times \frac{7}{8}$	0	0	$10\frac{1}{4}$	0	0	$20\frac{1}{2}$	0	1	$2\frac{1}{2}$	0	1	$12\frac{3}{4}$	0	1	23	0	2	$5\frac{1}{4}$	0	2	$15\frac{1}{2}$	0	2	$25\frac{1}{2}$	0	3	$7\frac{3}{4}$	0	3	18
$3\frac{1}{2} \times 1$	0	0	$11\frac{3}{4}$	0	0	$23\frac{1}{4}$	0	1	7	0	1	$18\frac{1}{2}$	0	2	$2\frac{1}{4}$	0	2	14	0	2	$25\frac{3}{4}$	0	3	$9\frac{1}{4}$	0	3	21	1	0	$5\frac{1}{2}$
$3\frac{5}{8} \times \frac{1}{4}$	0	0	3	0	0	6	0	0	9	0	0	12	0	0	15	0	0	18	0	0	21	0	0	24	0	0	27	0	1	2
$3\frac{5}{8} \times \frac{3}{8}$	0	0	$4\frac{1}{2}$	0	0	9	0	0	$13\frac{1}{2}$	0	0	18	0	0	$22\frac{1}{2}$	0	0	$27\frac{1}{4}$	0	1	$3\frac{1}{2}$	0	1	$8\frac{1}{4}$	0	1	$12\frac{1}{2}$	0	1	$17\frac{1}{4}$
$3\frac{5}{8} \times \frac{1}{2}$	0	0	6	0	0	12	0	0	18	0	0	24	0	1	$2\frac{1}{4}$	0	1	$8\frac{1}{4}$	0	1	$14\frac{1}{4}$	0	1	$20\frac{1}{4}$	0	1	$26\frac{1}{4}$	0	2	$4\frac{1}{4}$
$3\frac{5}{8} \times \frac{5}{8}$	0	0	$7\frac{1}{2}$	0	0	15	0	0	$22\frac{1}{2}$	0	1	$2\frac{1}{4}$	0	1	$9\frac{3}{4}$	0	1	$17\frac{1}{4}$	0	1	$24\frac{3}{4}$	0	2	$4\frac{1}{2}$	0	2	$11\frac{3}{4}$	0	2	$19\frac{1}{2}$
$3\frac{5}{8} \times \frac{3}{4}$	0	0	9	0	0	18	0	0	27	0	1	$8\frac{1}{4}$	0	1	$17\frac{1}{4}$	0	1	$26\frac{1}{4}$	0	2	$7\frac{1}{4}$	0	2	$16\frac{1}{4}$	0	2	$25\frac{1}{4}$	0	3	$6\frac{1}{2}$
$3\frac{5}{8} \times \frac{7}{8}$	0	0	$10\frac{1}{2}$	0	0	21	0	1	$3\frac{1}{2}$	0	1	$14\frac{1}{4}$	0	1	$24\frac{3}{4}$	0	2	$7\frac{1}{4}$	0	2	$17\frac{3}{4}$	0	3	$0\frac{1}{2}$	0	3	11	0	3	$21\frac{1}{2}$
$3\frac{5}{8} \times 1$	0	0	12	0	0	24	0	1	$8\frac{1}{4}$	0	1	$20\frac{1}{4}$	0	2	$4\frac{1}{4}$	0	2	$16\frac{1}{4}$	0	3	$0\frac{1}{2}$	0	3	$12\frac{1}{2}$	0	3	$24\frac{1}{2}$	1	0	$8\frac{1}{2}$

Breadth and Thickness.	Length in Feet.																							
	1			2			3			4			5			6			7			8			9			10		
Inches.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
$3\frac{3}{4} \times \frac{1}{4}$	0	0	3	0	0	$6\frac{1}{4}$	0	0	$9\frac{1}{4}$	0	0	$12\frac{1}{2}$	0	0	$15\frac{1}{2}$	0	0	$18\frac{3}{4}$	0	0	$21\frac{3}{4}$	0	0	25	0	1	0	0	1	$3\frac{1}{4}$
$3\frac{3}{4} \times \frac{3}{8}$	0	0	$4\frac{1}{2}$	0	0	$9\frac{1}{4}$	0	0	14	0	0	$18\frac{3}{4}$	0	0	$23\frac{1}{2}$	0	1	0	0	1	$4\frac{3}{4}$	0	1	$9\frac{1}{2}$	0	1	14	0	1	$18\frac{3}{4}$
$3\frac{3}{4} \times \frac{1}{2}$	0	0	$6\frac{1}{4}$	0	0	$12\frac{1}{2}$	0	0	$18\frac{3}{4}$	0	0	25	0	1	$3\frac{1}{4}$	0	1	$9\frac{1}{2}$	0	1	$15\frac{1}{2}$	0	1	22	0	2	$0\frac{1}{4}$	0	2	$6\frac{1}{2}$
$3\frac{3}{4} \times \frac{5}{8}$	0	0	$7\frac{3}{4}$	0	0	$15\frac{1}{2}$	0	0	$23\frac{1}{2}$	0	1	$3\frac{1}{4}$	0	1	$11\frac{1}{2}$	0	1	$18\frac{3}{4}$	0	1	$26\frac{1}{2}$	0	2	$6\frac{1}{2}$	0	2	$14\frac{1}{4}$	0	2	$22\frac{3}{4}$
$3\frac{3}{4} \times \frac{3}{4}$	0	0	$9\frac{1}{4}$	0	0	$18\frac{3}{4}$	0	1	0	0	1	$9\frac{1}{2}$	0	1	19	0	2	$0\frac{1}{4}$	0	2	$9\frac{1}{2}$	0	2	19	0	3	$0\frac{1}{4}$	0	3	$9\frac{1}{2}$
$3\frac{3}{4} \times \frac{7}{8}$	0	0	11	0	0	$21\frac{3}{4}$	0	1	$4\frac{3}{4}$	0	1	$15\frac{3}{4}$	0	1	$26\frac{1}{2}$	0	2	$9\frac{1}{2}$	0	2	$20\frac{1}{2}$	0	3	$3\frac{1}{2}$	0	3	$14\frac{1}{4}$	0	3	$25\frac{1}{4}$
$3\frac{3}{4} \times 1$	0	0	$12\frac{1}{2}$	0	0	25	0	1	$9\frac{1}{2}$	0	1	22	0	2	$6\frac{1}{2}$	0	2	19	0	3	$3\frac{1}{2}$	0	3	16	1	0	$0\frac{1}{2}$	1	0	13
$4 \times \frac{1}{4}$	0	0	$3\frac{1}{4}$	0	0	$6\frac{1}{2}$	0	0	10	0	0	$13\frac{1}{4}$	0	0	$16\frac{3}{4}$	0	0	20	0	0	$23\frac{1}{4}$	0	0	$26\frac{3}{4}$	0	1	2	0	1	$5\frac{1}{4}$
$4 \times \frac{3}{8}$	0	0	5	0	0	10	0	0	15	0	0	20	0	0	25	0	1	2	0	1	7	0	1	12	0	1	17	0	1	22
$4 \times \frac{1}{2}$	0	0	$6\frac{1}{2}$	0	0	$13\frac{1}{4}$	0	0	20	0	0	$26\frac{3}{4}$	0	1	$5\frac{1}{2}$	0	1	12	0	1	$18\frac{3}{4}$	0	1	$25\frac{1}{2}$	0	2	4	0	2	$10\frac{3}{4}$
$4 \times \frac{5}{8}$	0	0	$8\frac{1}{4}$	0	0	$16\frac{3}{4}$	0	0	25	0	1	$5\frac{1}{4}$	0	1	$13\frac{3}{4}$	0	1	22	0	2	2	0	2	$10\frac{3}{4}$	0	2	19	0	2	$27\frac{1}{4}$
$4 \times \frac{3}{4}$	0	0	10	0	0	20	0	1	2	0	1	12	0	1	22	0	2	4	0	2	14	0	2	24	0	3	6	0	2	16
$4 \times \frac{7}{8}$	0	0	$11\frac{3}{4}$	0	0	$23\frac{1}{4}$	0	1	7	0	1	$18\frac{3}{4}$	0	2	$2\frac{1}{2}$	0	2	14	0	2	$25\frac{3}{4}$	0	3	$9\frac{1}{4}$	0	3	21	1	3	$4\frac{3}{4}$
4×1	0	0	$13\frac{1}{4}$	0	0	$26\frac{1}{2}$	0	1	12	0	1	$25\frac{1}{4}$	0	2	$10\frac{3}{4}$	0	2	24	0	3	$9\frac{1}{2}$	0	3	$22\frac{3}{4}$	1	0	8	1	0	$21\frac{1}{2}$
$4\frac{1}{4} \times \frac{1}{4}$	0	0	$3\frac{1}{2}$	0	0	7	0	0	$10\frac{1}{2}$	0	0	$14\frac{1}{4}$	0	0	$17\frac{3}{4}$	0	0	$21\frac{1}{4}$	0	0	$24\frac{3}{4}$	0	1	$0\frac{1}{4}$	0	1	$3\frac{3}{4}$	0	1	$7\frac{1}{2}$
$4\frac{1}{4} \times \frac{3}{8}$	0	0	$5\frac{1}{4}$	0	0	$10\frac{1}{2}$	0	0	16	0	0	$21\frac{1}{4}$	0	0	$26\frac{1}{2}$	0	1	4	0	1	$11\frac{1}{4}$	0	1	$14\frac{1}{2}$	0	1	$19\frac{3}{4}$	0	1	$25\frac{1}{4}$
$4\frac{1}{4} \times \frac{1}{2}$	0	0	7	0	0	$14\frac{1}{4}$	0	0	$21\frac{1}{4}$	0	1	$0\frac{1}{4}$	0	1	$7\frac{1}{2}$	0	1	$14\frac{1}{2}$	0	1	$21\frac{1}{2}$	0	2	$0\frac{3}{4}$	0	2	$7\frac{3}{4}$	0	2	15
$4\frac{1}{4} \times \frac{5}{8}$	0	0	$8\frac{3}{4}$	0	0	$17\frac{1}{2}$	0	0	$26\frac{1}{2}$	0	1	$7\frac{1}{2}$	0	1	$16\frac{1}{4}$	0	1	25	0	2	6	0	2	$14\frac{3}{4}$	0	2	$23\frac{3}{4}$	0	3	$4\frac{1}{2}$

Breadth and Thickness.	Length in Feet. 1			2			3			4			5			6			7			8			9			10		
Inches.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
4¼ × ¾	0	0	10½	0	0	21¼	0	1	4	0	1	14½	0	1	25	0	2	7¾	0	2	18½	0	3	1	0	3	11½	0	3	22
4¼ × ⅞	0	0	12¼	0	0	24¾	0	1	9¼	0	1	21½	0	2	6	0	2	18½	0	3	2¾	0	3	15¼	0	3	27½	1	0	11¾
4¼ × 1	0	0	14¼	0	1	0¼	0	1	14½	0	2	0½	0	2	14¾	0	3	1	0	3	15¼	1	0	1¼	1	0	15½	1	1	1½
4½ × ¼	0	0	3¾	0	0	7½	0	0	11¼	0	0	15	0	0	18¾	0	0	22½	0	0	26¼	0	1	2	0	1	5¾	0	1	9½
4½ × ½	0	0	7½	0	0	15	0	0	22½	0	1	2	0	1	9½	0	1	17	0	1	24½	0	2	4	0	2	11½	0	2	19
4½ × ¾	0	0	11¼	0	0	22½	0	1	5¾	0	1	17	0	2	0¼	0	2	11½	0	2	22½	0	3	6	0	3	17	1	0	0¼
4½ × 1	0	0	15	0	1	2	0	1	17	0	2	4	0	2	19	0	3	6	0	3	21	1	0	8	1	0	23	1	1	10
4¾ × ¼	0	0	4	0	0	8	0	0	11¾	0	0	15¾	0	0	19¾	0	0	23¾	0	0	27½	0	1	3½	0	1	7½	0	1	11½
4¾ × ½	0	0	8	0	0	15¾	0	0	23¾	0	1	3½	0	1	11½	0	1	19½	0	1	27¼	0	2	7¼	0	2	15	0	2	23
4¾ × ¾	0	0	11¾	0	0	23¾	0	1	7½	0	1	19½	0	2	3¼	0	2	15	0	2	27	0	3	10¾	0	3	22½	1	0	6½
4¾ × 1	0	0	15¾	0	1	3½	0	1	19½	0	2	7¼	0	2	23	0	3	11	0	3	26¾	1	0	14½	1	1	2¼	1	1	18¼
5 × ¼	0	0	4¼	0	0	8¼	0	0	12½	0	0	16½	0	0	20¾	0	0	25	0	1	1¼	0	1	5¼	0	1	9½	0	1	13½
5 × ½	0	0	8¼	0	0	16½	0	0	25	0	1	5¼	0	1	13¾	0	1	22	0	2	2¼	0	2	10¾	0	2	19	0	2	27½
5 × ¾	0	0	12½	0	0	25	0	1	9½	0	1	22	0	2	6½	0	2	19	0	3	3½	0	3	16	1	0	0½	1	0	13½
5 × 1	0	0	16½	0	1	5¼	0	1	22	0	2	9½	0	2	27¼	0	3	16	1	0	4½	1	0	21¼	1	1	10	1	1	26½
5¼ × ¼	0	0	4¼	0	0	8¾	0	0	13	0	0	17½	0	0	21¾	0	0	26¼	0	1	2½	0	1	7	0	1	11½	0	1	15¾
5¼ × ½	0	0	8¾	0	0	17½	0	0	26¼	0	1	7	0	1	15¾	0	1	24½	0	2	5¼	0	2	14	0	2	22¾	0	3	3½
5¼ × ¾	0	0	13	0	0	26¼	0	1	11¼	0	1	24½	0	2	9½	0	2	22½	0	3	8	0	3	21	1	0	6	1	0	19

Breadth and Thickness.	Length in Feet. 1			2			3			4			5			6			7			8			9			10		
Inches.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
$5\frac{1}{4} \times 1$	0	0	$17\frac{1}{2}$	0	1	7	0	1	$24\frac{1}{2}$	0	2	14	0	3	$3\frac{1}{2}$	0	3	21	1	0	10	1	1	0	1	1	17	1	2	7
$5\frac{1}{2} \times \frac{1}{4}$	0	0	$4\frac{1}{2}$	0	0	$9\frac{1}{4}$	0	0	$13\frac{3}{4}$	0	0	$18\frac{1}{4}$	0	0	23	0	0	$27\frac{1}{2}$	0	1	4	0	1	$8\frac{1}{2}$	0	1	$13\frac{1}{4}$	0	1	$17\frac{3}{4}$
$5\frac{1}{2} \times \frac{1}{2}$	0	0	$9\frac{1}{4}$	0	0	$18\frac{1}{2}$	0	0	$27\frac{1}{2}$	0	1	$8\frac{1}{2}$	0	1	$17\frac{3}{4}$	0	1	27	0	2	8	0	2	$17\frac{1}{4}$	0	2	$26\frac{1}{2}$	0	3	$7\frac{1}{2}$
$5\frac{1}{2} \times \frac{3}{4}$	0	0	$13\frac{3}{4}$	0	0	$27\frac{1}{2}$	0	1	$13\frac{1}{4}$	0	1	27	0	2	$12\frac{3}{4}$	0	2	$26\frac{1}{2}$	0	3	$12\frac{1}{4}$	0	3	26	1	0	$11\frac{3}{4}$	1	0	$25\frac{3}{4}$
$5\frac{1}{2} \times 1$	0	0	$18\frac{1}{4}$	0	1	$8\frac{3}{4}$	0	1	27	0	2	$17\frac{1}{4}$	0	3	$7\frac{1}{2}$	0	3	26	1	0	$16\frac{1}{2}$	1	1	$6\frac{3}{4}$	1	1	25	1	2	15
$5\frac{3}{4} \times \frac{1}{4}$	0	0	$4\frac{3}{4}$	0	0	$9\frac{1}{2}$	0	0	$14\frac{1}{4}$	0	0	$19\frac{1}{4}$	0	0	24	0	1	$0\frac{3}{4}$	0	1	$5\frac{1}{2}$	0	1	$10\frac{1}{4}$	0	1	15	0	1	20
$5\frac{3}{4} \times \frac{1}{2}$	0	0	$9\frac{1}{2}$	0	0	$19\frac{1}{4}$	0	1	$0\frac{3}{4}$	0	1	$10\frac{1}{2}$	0	1	20	0	2	$1\frac{1}{2}$	0	2	11	0	2	$20\frac{3}{4}$	0	3	$2\frac{1}{4}$	0	3	12
$5\frac{3}{4} \times \frac{3}{4}$	0	0	$14\frac{1}{2}$	0	1	$0\frac{3}{4}$	0	1	15	0	2	$1\frac{1}{2}$	0	2	16	0	3	$2\frac{1}{4}$	0	3	$16\frac{1}{2}$	1	0	3	1	0	$17\frac{1}{2}$	1	1	$8\frac{3}{4}$
$5\frac{3}{4} \times 1$	0	0	$19\frac{1}{4}$	0	1	$10\frac{1}{4}$	0	2	$1\frac{1}{2}$	0	2	$20\frac{3}{4}$	0	3	$11\frac{3}{4}$	1	0	3	1	0	22	1	1	$13\frac{1}{4}$	1	2	$4\frac{1}{2}$	1	2	$23\frac{1}{2}$
$6 \times \frac{1}{4}$	0	0	5	0	0	10	0	0	15	0	0	20	0	0	25	0	1	2	0	1	7	0	1	12	0	1	17	0	1	22
$6 \times \frac{1}{2}$	0	0	10	0	0	20	0	1	2	0	1	12	0	1	22	0	2	4	0	2	14	0	2	24	0	3	6	0	3	16
$6 \times \frac{3}{4}$	0	0	15	0	1	2	0	1	17	0	2	4	0	2	19	0	3	6	0	3	21	1	0	8	1	0	23	1	1	10
6×1	0	0	20	0	1	12	0	2	4	0	2	24	0	3	16	1	0	8	1	1	0	1	1	20	1	2	12	1	3	4

TABLE No. 14.

WEIGHT OF ANGLE-IRON AND T-IRON.

TABLE No. 14.—WEIGHT OF ANGLE-IRON AND T-IRON.

RULE.—Add the outside breadths of the flanges in inches together, and from the sum subtract one thickness of the flange, multiply the remainder by the thickness, and by 3·33. The product is the weight in pounds of 1 foot length.

The weights in the Table are given to the nearest $\frac{1}{4}$ lb.

Size of Angle-Iron.	Length in Feet.																							
	1			2			3			4			5			6			7			8			9			10		
Inches.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.	c.	qrs.	lbs.
1 × 1 × $\frac{3}{16}$	0	0	$1\frac{1}{4}$	0	0	$2\frac{1}{4}$	0	0	$3\frac{1}{2}$	0	0	$4\frac{1}{2}$	0	0	$5\frac{3}{4}$	0	0	$6\frac{3}{4}$	0	0	8	0	0	9	0	0	$10\frac{1}{4}$	0	0	$11\frac{1}{4}$
$1\frac{1}{4}$ × $1\frac{1}{4}$ × $\frac{1}{4}$	0	0	$1\frac{3}{4}$	0	0	$3\frac{3}{4}$	0	0	$5\frac{1}{2}$	0	0	$7\frac{1}{2}$	0	0	$9\frac{1}{4}$	0	0	$11\frac{1}{4}$	0	0	13	0	0	15	0	0	$16\frac{3}{4}$	0	0	$18\frac{3}{4}$
$1\frac{1}{2}$ × $1\frac{1}{2}$ × $\frac{1}{4}$	0	0	$2\frac{1}{4}$	0	0	$4\frac{1}{2}$	0	0	$6\frac{3}{4}$	0	0	$9\frac{1}{4}$	0	0	$11\frac{1}{2}$	0	0	$13\frac{3}{4}$	0	0	16	0	0	$18\frac{1}{4}$	0	0	$20\frac{1}{2}$	0	0	$22\frac{3}{4}$
$1\frac{3}{4}$ × $1\frac{3}{4}$ × $\frac{5}{16}$	0	0	$3\frac{1}{4}$	0	0	$6\frac{1}{2}$	0	0	10	0	0	$13\frac{1}{4}$	0	0	$16\frac{1}{2}$	0	0	$19\frac{3}{4}$	0	0	$23\frac{1}{4}$	0	0	$26\frac{1}{2}$	0	1	$1\frac{3}{4}$	0	1	$5\frac{1}{4}$
2 × 2 × $\frac{5}{16}$	0	0	$3\frac{3}{4}$	0	0	$7\frac{1}{2}$	0	0	$11\frac{1}{2}$	0	0	$15\frac{1}{4}$	0	0	$19\frac{1}{4}$	0	0	23	0	0	$26\frac{3}{4}$	0	1	$2\frac{1}{2}$	0	1	$6\frac{1}{2}$	0	1	$10\frac{1}{2}$
$2\frac{1}{4}$ × $2\frac{1}{4}$ × $\frac{3}{8}$	0	0	$5\frac{1}{4}$	0	0	$10\frac{1}{4}$	0	0	$15\frac{1}{2}$	0	0	$20\frac{1}{2}$	0	0	$25\frac{3}{4}$	0	1	3	0	1	8	0	1	$13\frac{1}{4}$	0	1	$18\frac{1}{4}$	0	1	$23\frac{1}{2}$
$2\frac{1}{2}$ × $2\frac{1}{2}$ × $\frac{7}{16}$	0	0	$6\frac{1}{2}$	0	0	$13\frac{1}{4}$	0	0	20	0	0	$26\frac{1}{2}$	0	1	$5\frac{1}{4}$	0	1	$11\frac{3}{4}$	0	1	$18\frac{1}{2}$	0	1	$25\frac{1}{4}$	0	2	$3\frac{3}{4}$	0	2	$10\frac{1}{2}$
$2\frac{3}{4}$ × $2\frac{3}{4}$ × $\frac{7}{16}$	0	0	$7\frac{1}{2}$	0	0	$14\frac{3}{4}$	0	0	$22\frac{1}{4}$	0	1	$1\frac{1}{2}$	0	1	$8\frac{3}{4}$	0	1	$16\frac{1}{4}$	0	1	$23\frac{1}{2}$	0	2	3	0	2	$10\frac{1}{2}$	0	2	$17\frac{5}{4}$
3 × 3 × $\frac{1}{2}$	0	0	$9\frac{1}{4}$	0	0	$18\frac{1}{4}$	0	0	$27\frac{1}{2}$	0	1	$8\frac{1}{2}$	0	1	$17\frac{3}{4}$	0	1	27	0	2	8	0	2	$17\frac{1}{4}$	0	2	$26\frac{1}{2}$	0	3	$7\frac{1}{2}$
$3\frac{1}{4}$ × $3\frac{1}{4}$ × $\frac{5}{8}$	0	0	$12\frac{1}{4}$	0	0	$24\frac{1}{2}$	0	1	$8\frac{1}{2}$	0	1	21	0	2	$5\frac{1}{4}$	0	2	$17\frac{1}{2}$	0	3	$1\frac{1}{2}$	0	3	$13\frac{3}{4}$	0	3	26	1	0	$10\frac{1}{4}$
$3\frac{1}{2}$ × $3\frac{1}{2}$ × $\frac{3}{4}$	0	0	$15\frac{1}{2}$	0	1	$3\frac{1}{4}$	0	1	$18\frac{3}{4}$	0	2	$6\frac{1}{2}$	0	2	22	0	3	$9\frac{1}{2}$	0	3	$25\frac{1}{4}$	1	0	$12\frac{3}{4}$	1	1	$0\frac{1}{2}$	1	1	16
$3\frac{3}{4}$ × $3\frac{3}{4}$ × $\frac{3}{4}$	0	0	$16\frac{3}{4}$	0	1	$5\frac{3}{4}$	0	1	$22\frac{1}{2}$	0	2	$11\frac{1}{2}$	0	3	$0\frac{1}{4}$	0	3	$17\frac{1}{4}$	1	0	6	1	0	$24\frac{3}{4}$	1	1	$11\frac{3}{4}$	1	2	$0\frac{1}{2}$
4 × 4 × $\frac{3}{4}$	0	0	$18\frac{1}{4}$	0	1	$8\frac{1}{4}$	0	1	$26\frac{1}{4}$	0	2	$16\frac{1}{4}$	0	3	$6\frac{1}{2}$	0	3	$24\frac{1}{2}$	1	0	$14\frac{3}{4}$	1	1	$4\frac{3}{4}$	1	1	23	1	2	13

TABLES Nos. 15 AND 16.

BRASS TUBES AND IRON TUBES.

TABLE No. 17.

ROUND COPPER RODS.

TABLES Nos. 15 AND 16.—WEIGHT OF BRASS TUBES, AND IRON TUBES.

RULE.—From the square of the outside diameter in inches subtract the square of the inside diameter; and multiply the remainder by 2·82 for Brass Tubes, and by 2·63 for Iron Tubes.

TABLE No. 15.—BRASS TUBES.

Outside Diam.	THICKNESS BY WIRE GAUGE AND IN PARTS OF AN INCH.				
	9 B.W.G. $\frac{5}{32}$ bore.	10 B.W.G. $\frac{1}{8}$ full.	11 B.W.G. $\frac{1}{8}$ bore.	12 B.W.G. $\frac{7}{64}$	13 B.W.G. $\frac{3}{32}$ full.
inches.	lbs.	lbs.	lbs.	lbs.	lbs.
$1\frac{3}{8}$	2·10	1·92	1·74	1·59	1·40
$1\frac{1}{2}$	2·32	2·11	1·92	1·75	1·54
$1\frac{5}{8}$	2·52	2·30	2·09	1·90	1·68
$1\frac{3}{4}$	2·73	2·50	2·26	2·06	1·81
$1\frac{7}{8}$	2·95	2·69	2·44	2·22	1·95
2	3·17	2·89	2·61	2·37	2·08

TABLE No. 16. IRON TUBES.

Outside Diam.	THICKNESS IN PARTS OF AN INCH.			Outside Diam.	THICKNESS IN PARTS OF AN INCH.		
	$\frac{1}{8}$ thick.	$\frac{3}{16}$ thick.	$\frac{1}{4}$ thick.		$\frac{1}{8}$ thick.	$\frac{3}{16}$ thick.	$\frac{1}{4}$ thick.
inches.	lbs.	lbs.	lbs.	inches.	lbs.	lbs.	lbs.
2	2·47	3·58	4·61	$2\frac{3}{4}$	3·46	5·06	6·58
$2\frac{1}{8}$	2·63	3·88	4·94	$2\frac{7}{8}$	3·61	5·30	6·91
$2\frac{1}{4}$	2·79	4·07	5·27	3	3·78	5·55	7·24
$2\frac{3}{8}$	2·96	4·32	5·59	$3\frac{1}{8}$	3·95	5·80	7·57
$2\frac{1}{2}$	3·14	4·57	5·92	$3\frac{1}{4}$	4·12	6·05	7·90
$2\frac{5}{8}$	3·29	4·81	6·25				

TABLE No. 17.—WEIGHT OF ROUND COPPER RODS.

RULE.—Multiply the square of the diameter in inches by 3·02. The product is the weight in lbs. of one foot.

Diam.	1 ft. long.	Diam.	1 ft. long.	Diam.	1 ft. long
inch.	lbs.	inch.	lbs.	inch.	lbs.
$\frac{5}{8}$	1·17	$\frac{7}{8}$	2·31	$1\frac{1}{8}$	3·82
$\frac{11}{16}$	1·42	$\frac{15}{16}$	2·65	$1\frac{3}{16}$	4·26
$\frac{3}{4}$	1·69	1	3·02	$1\frac{1}{4}$	4·71
$\frac{13}{16}$	1·99	$1\frac{1}{16}$	3·41		

TABLE No. 18.

STRENGTH OF CHAINS.

TABLE No. 19.

STRENGTH OF COMMON ROPES.

TABLE No. 18.—STRENGTH OF CHAINS.

RULE.—Divide the square of the diameter in eighths of an inch by 10; the product is the working load in tons. Or, multiply the square of the diameter in sixteenths of an inch by 10; the product is the breaking strength in tons.

Diameter of Iron in Link.	Working Load.			Breaking Load.		
inch.	tons.	cwts.	qrs.	tons.	cwts.	qrs.
$\frac{1}{4}$	0	8	2	1	13	1
$\frac{5}{16}$	0	12	2	2	10	0
$\frac{3}{8}$	0	18	0	3	12	0
$\frac{7}{16}$	1	4	2	4	18	0
$\frac{1}{2}$	1	12	0	6	8	0
$\frac{9}{16}$	2	0	2	8	2	0
$\frac{5}{8}$	2	10	0	10	0	0
$\frac{3}{4}$	3	12	0	14	8	0

TABLE No. 19.—STRENGTH OF COMMON ROPES.

RULE.—Multiply the square of the circumference in inches by ·08; the product is the working load. Or, multiply the square of the circumference in inches by ·2; the product is the breaking strength in tons.

Circum.	Working Load.				Breaking Load.		
inches.	tons.	cwts.	qrs.	lbs.	tons.	cwts.	qrs.
2	0	6	1	17	0	16	0
$2\frac{1}{4}$	0	8	0	11	1	0	0
$2\frac{1}{2}$	0	10	0	0	1	5	0
$2\frac{3}{4}$	0	12	0	11	1	10	1
3	0	14	0	6	1	16	0
$3\frac{1}{4}$	0	16	3	17	2	2	1
$3\frac{1}{2}$	0	19	2	11	2	9	0
$3\frac{3}{4}$	1	2	2	0	2	16	1
4	1	5	2	11	3	4	0

TABLE No. 20.

POUNDS AVOIRDUPOIS REDUCED TO CWTS., QUARTERS, AND POUNDS.

TABLE No. 20.—POUNDS AVOIRDUPOIS REDUCED TO CWTS., QRS., AND LBS.

This Table is useful either for converting Pounds into Cwts., or Cwts. into Pounds.

lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.
28	0	1	0	62	0	2	6	96	0	3	12	130	1	0	18
29	0	1	1	63	0	2	7	97	0	3	13	131	1	0	19
30	0	1	2	64	0	2	8	98	0	3	14	132	1	0	20
31	0	1	3	65	0	2	9	99	0	3	15	133	1	0	21
32	0	1	4	66	0	2	10	100	0	3	16	134	1	0	22
33	0	1	5	67	0	2	11	101	0	3	17	135	1	0	23
34	0	1	6	68	0	2	12	102	0	3	18	136	1	0	24
35	0	1	7	69	0	2	13	103	0	3	19	137	1	0	25
36	0	1	8	70	0	2	14	104	0	3	20	138	1	0	26
37	0	1	9	71	0	2	15	105	0	3	21	139	1	0	27
38	0	1	10	72	0	2	16	106	0	3	22	140	1	1	0
39	0	1	11	73	0	2	17	107	0	3	23	141	1	1	1
40	0	1	12	74	0	2	18	108	0	3	24	142	1	1	2
41	0	1	13	75	0	2	19	109	0	3	25	143	1	1	3
42	0	1	14	76	0	2	20	110	0	3	26	144	1	1	4
43	0	1	15	77	0	2	21	111	0	3	27	145	1	1	5
44	0	1	16	78	0	2	22	112	1	0	0	146	1	1	6
45	0	1	17	79	0	2	23	113	1	0	1	147	1	1	7
46	0	1	18	80	0	2	24	114	1	0	2	148	1	1	8
47	0	1	19	81	0	2	25	115	1	0	3	149	1	1	9
48	0	1	20	82	0	2	26	116	1	0	4	150	1	1	10
49	0	1	21	83	0	2	27	117	1	0	5	151	1	1	11
50	0	1	22	84	0	3	0	118	1	0	6	152	1	1	12
51	0	1	23	85	0	3	1	119	1	0	7	153	1	1	13
52	0	1	24	86	0	3	2	120	1	0	8	154	1	1	14
53	0	1	25	87	0	3	3	121	1	0	9	155	1	1	15
54	0	1	26	88	0	3	4	122	1	0	10	156	1	1	16
55	0	1	27	89	0	3	5	123	1	0	11	157	1	1	17
56	0	2	0	90	0	3	6	124	1	0	12	158	1	1	18
57	0	2	1	91	0	3	7	125	1	0	13	159	1	1	19
58	0	2	2	92	0	3	8	126	1	0	14	160	1	1	20
59	0	2	3	93	0	3	9	127	1	0	15	161	1	1	21
60	0	2	4	94	0	3	10	128	1	0	16	162	1	1	22
61	0	2	5	95	0	3	11	129	1	0	17	163	1	1	23

lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.
164	1	1	24	209	1	3	13	254	2	1	2	299	2	2	19
165	1	1	25	210	1	3	14	255	2	1	3	300	2	2	20
166	1	1	26	211	1	3	15	256	2	1	4	301	2	2	21
167	1	1	27	212	1	3	16	257	2	1	5	302	2	2	22
168	1	2	0	213	1	3	17	258	2	1	6	303	2	2	23
169	1	2	1	214	1	3	18	259	2	1	7	304	2	2	24
170	1	2	2	215	1	3	19	260	2	1	8	305	2	2	25
171	1	2	3	216	1	3	20	261	2	1	9	306	2	2	26
172	1	2	4	217	1	3	21	262	2	1	10	307	2	2	27
173	1	2	5	218	1	3	22	263	2	1	11	308	2	3	0
174	1	2	6	219	1	3	23	264	2	1	12	309	2	3	1
175	1	2	7	220	1	3	24	265	2	1	13	310	2	3	2
176	1	2	8	221	1	3	25	266	2	1	14	311	2	3	3
177	1	2	9	222	1	3	26	267	2	1	15	312	2	3	4
178	1	2	10	223	1	3	27	268	2	1	16	313	2	3	5
179	1	2	11	224	2	0	0	269	2	1	17	314	2	3	6
180	1	2	12	225	2	0	1	270	2	1	18	315	2	3	7
181	1	2	13	226	2	0	2	271	2	1	19	316	2	3	8
182	1	2	14	227	2	0	3	272	2	1	20	317	2	3	9
183	1	2	15	228	2	0	4	273	2	1	21	318	2	3	10
184	1	2	16	229	2	0	5	274	2	1	22	319	2	3	11
185	1	2	17	230	2	0	6	275	2	1	23	320	2	3	12
186	1	2	18	231	2	0	7	276	2	1	24	321	2	3	13
187	1	2	19	232	2	0	8	277	2	1	25	322	2	3	14
188	1	2	20	233	2	0	9	278	2	1	26	323	2	3	15
189	1	2	21	234	2	0	10	279	2	1	27	324	2	3	16
190	1	2	22	235	2	0	11	280	2	2	0	325	2	3	17
191	1	2	23	236	2	0	12	281	2	2	1	326	2	3	18
192	1	2	24	237	2	0	13	282	2	2	2	327	2	3	19
193	1	2	25	238	2	0	14	283	2	2	3	328	2	3	20
194	1	2	26	239	2	0	15	284	2	2	4	329	2	3	21
195	1	2	27	240	2	0	16	285	2	2	5	330	2	3	22
196	1	3	0	241	2	0	17	286	2	2	6	331	2	3	23
197	1	3	1	242	2	0	18	287	2	2	7	332	2	3	24
198	1	3	2	243	2	0	19	288	2	2	8	333	2	3	25
199	1	3	3	244	2	0	20	289	2	2	9	334	2	3	26
200	1	3	4	245	2	0	21	290	2	2	10	335	2	3	27
201	1	3	5	246	2	0	22	291	2	2	11	336	3	0	0
202	1	3	6	247	2	0	23	292	2	2	12	337	3	0	1
203	1	3	7	248	2	0	24	293	2	2	13	338	3	0	2
204	1	3	8	249	2	0	25	294	2	2	14	339	3	0	3
205	1	3	9	250	2	0	26	295	2	2	15	340	3	0	4
206	1	3	10	251	2	0	27	296	2	2	16	341	3	0	5
207	1	3	11	252	2	1	0	297	2	2	17	342	3	0	6
208	1	3	12	253	2	1	1	298	2	2	18	343	3	0	7

lbs.	c.	qrs.	lbs	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.
344	3	0	8	389	3	1	25	434	3	3	14	479	4	1	3
345	3	0	9	390	3	1	26	435	3	3	15	480	4	1	4
346	3	0	10	391	3	1	27	436	3	3	16	481	4	1	5
347	3	0	11	392	3	2	0	437	3	3	17	482	4	1	6
348	3	0	12	393	3	2	1	438	3	3	18	483	4	1	7
349	3	0	13	394	3	2	2	439	3	3	19	484	4	1	8
350	3	0	14	395	3	2	3	440	3	3	20	485	4	1	9
351	3	0	15	396	3	2	4	441	3	3	21	486	4	1	10
352	3	0	16	397	3	2	5	442	3	3	22	487	4	1	11
353	3	0	17	398	3	2	6	443	3	3	23	488	4	1	12
354	3	0	18	399	3	2	7	444	3	3	24	489	4	1	13
355	3	0	19	400	3	2	8	445	3	3	25	490	4	1	14
356	3	0	20	401	3	2	9	446	3	3	26	491	4	1	15
357	3	0	21	402	3	2	10	447	3	3	27	492	4	1	16
358	3	0	22	403	3	2	11	448	4	0	0	493	4	1	17
359	3	0	23	404	3	2	12	449	4	0	1	494	4	1	18
360	3	0	24	405	3	2	13	450	4	0	2	495	4	1	19
361	3	0	25	406	3	2	14	451	4	0	3	496	4	1	20
362	3	0	26	407	3	2	15	452	4	0	4	497	4	1	21
363	3	0	27	408	3	2	16	453	4	0	5	498	4	1	22
364	3	1	0	409	3	2	17	454	4	0	6	499	4	1	23
365	3	1	1	410	3	2	18	455	4	0	7	500	4	1	24
366	3	1	2	411	3	2	19	456	4	0	8	501	4	1	25
367	3	1	3	412	3	2	20	457	4	0	9	502	4	1	26
368	3	1	4	413	3	2	21	458	4	0	10	503	4	1	27
369	3	1	5	414	3	2	22	459	4	0	11	504	4	2	0
370	3	1	6	415	3	2	23	460	4	0	12	505	4	2	1
371	3	1	7	416	3	2	24	461	4	0	13	506	4	2	2
372	3	1	8	417	3	2	25	462	4	0	14	507	4	2	3
373	3	1	9	418	3	2	26	463	4	0	15	508	4	2	4
374	3	1	10	419	3	2	27	464	4	0	16	509	4	2	5
375	3	1	11	420	3	3	0	465	4	0	17	510	4	2	6
376	3	1	12	421	3	3	1	466	4	0	18	511	4	2	7
377	3	1	13	422	3	3	2	467	4	0	19	512	4	2	8
378	3	1	14	423	3	3	3	468	4	0	20	513	4	2	9
379	3	1	15	424	3	3	4	469	4	0	21	514	4	2	10
380	3	1	16	425	3	3	5	470	4	0	22	515	4	2	11
381	3	1	17	426	3	3	6	471	4	0	23	516	4	2	12
382	3	1	18	427	3	3	7	472	4	0	24	517	4	2	13
383	3	1	19	428	3	3	8	473	4	0	25	518	4	2	14
384	3	1	20	429	3	3	9	474	4	0	26	519	4	2	15
385	3	1	21	430	3	3	10	475	4	0	27	520	4	2	16
386	3	1	22	431	3	3	11	476	4	1	0	521	4	2	17
387	3	1	23	432	3	3	12	477	4	1	1	522	4	2	18
388	3	1	24	433	3	3	13	478	4	1	2	523	4	2	19

lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.
524	4	2	20	569	5	0	9	614	5	1	26	659	5	3	15
525	4	2	21	570	5	0	10	615	5	1	27	660	5	3	16
526	4	2	22	571	5	0	11	616	5	2	0	661	5	3	17
527	4	2	23	572	5	0	12	617	5	2	1	662	5	3	18
528	4	2	24	573	5	0	13	618	5	2	2	663	5	3	19
529	4	2	25	574	5	0	14	619	5	2	3	664	5	3	20
530	4	2	26	575	5	0	15	620	5	2	4	665	5	3	21
531	4	2	27	576	5	0	16	621	5	2	5	666	5	3	22
532	4	3	0	577	5	0	17	622	5	2	6	667	5	3	23
533	4	3	1	578	5	0	18	623	5	2	7	668	5	3	24
534	4	3	2	579	5	0	19	624	5	2	8	669	5	3	25
535	4	3	3	580	5	0	20	625	5	2	9	670	5	3	26
536	4	3	4	581	5	0	21	626	5	2	10	671	5	3	27
537	4	3	5	582	5	0	22	627	5	2	11	672	6	0	0
538	4	3	6	583	5	0	23	628	5	2	12	673	6	0	1
539	4	3	7	584	5	0	24	629	5	2	13	674	6	0	2
540	4	3	8	585	5	0	25	630	5	2	14	675	6	0	3
541	4	3	9	586	5	0	26	631	5	2	15	676	6	0	4
542	4	3	10	587	5	0	27	632	5	2	16	677	6	0	5
543	4	3	11	588	5	1	0	633	5	2	17	678	6	0	6
544	4	3	12	589	5	1	1	634	5	2	18	679	6	0	7
545	4	3	13	590	5	1	2	635	5	2	19	680	6	0	8
546	4	3	14	591	5	1	3	636	5	2	20	681	6	0	9
547	4	3	15	592	5	1	4	637	5	2	21	682	6	0	10
548	4	3	16	593	5	1	5	638	5	2	22	683	6	0	11
549	4	3	17	594	5	1	6	639	5	2	23	684	6	0	12
550	4	3	18	595	5	1	7	640	5	2	24	685	6	0	13
551	4	3	19	596	5	1	8	641	5	2	25	686	6	0	14
552	4	3	20	597	5	1	9	642	5	2	26	687	6	0	15
553	4	3	21	598	5	1	10	643	5	2	27	688	6	0	16
554	4	3	22	599	5	1	11	644	5	3	0	689	6	0	17
555	4	3	23	600	5	1	12	645	5	3	1	690	6	0	18
556	4	3	24	601	5	1	13	646	5	3	2	691	6	0	19
557	4	3	25	602	5	1	14	647	5	3	3	692	6	0	20
558	4	3	26	603	5	1	15	648	5	3	4	693	6	0	21
559	4	3	27	604	5	1	16	649	5	3	5	694	6	0	22
560	5	0	0	605	5	1	17	650	5	3	6	695	6	0	23
561	5	0	1	606	5	1	18	651	5	3	7	696	6	0	24
562	5	0	2	607	5	1	19	652	5	3	8	697	6	0	25
563	5	0	3	608	5	1	20	653	5	3	9	698	6	0	26
564	5	0	4	609	5	1	21	654	5	3	10	699	6	0	27
565	5	0	5	610	5	1	22	655	5	3	11	700	6	1	0
566	5	0	6	611	5	1	23	656	5	3	12	701	6	1	1
567	5	0	7	612	5	1	24	657	5	3	13	702	6	1	2
568	5	0	8	613	5	1	25	658	5	3	14	703	6	1	3

lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.
704	6	1	4	749	6	2	21	794	7	0	10	839	7	1	27
705	6	1	5	750	6	2	22	795	7	0	11	840	7	2	0
706	6	1	6	751	6	2	23	796	7	0	12	841	7	2	1
707	6	1	7	752	6	2	24	797	7	0	13	842	7	2	2
708	6	1	8	753	6	2	25	798	7	0	14	843	7	2	3
709	6	1	9	754	6	2	26	799	7	0	15	844	7	2	4
710	6	1	10	755	6	2	27	800	7	0	16	845	7	2	5
711	6	1	11	756	6	3	0	801	7	0	17	846	7	2	6
712	6	1	12	757	6	3	1	802	7	0	18	847	7	2	7
713	6	1	13	758	6	3	2	803	7	0	19	848	7	2	8
714	6	1	14	759	6	3	3	804	7	0	20	849	7	2	9
715	6	1	15	760	6	3	4	805	7	0	21	850	7	2	10
716	6	1	16	761	6	3	5	806	7	0	22	851	7	2	11
717	6	1	17	762	6	3	6	807	7	0	23	852	7	2	12
718	6	1	18	763	6	3	7	808	7	0	24	853	7	2	13
719	6	1	19	764	6	3	8	809	7	0	25	854	7	2	14
720	6	1	20	765	6	3	9	810	7	0	26	855	7	2	15
721	6	1	21	766	6	3	10	811	7	0	27	856	7	2	16
722	6	1	22	767	6	3	11	812	7	1	0	857	7	2	17
723	6	1	23	768	6	3	12	813	7	1	1	858	7	2	18
724	6	1	24	769	6	3	13	814	7	1	2	859	7	2	19
725	6	1	25	770	6	3	14	815	7	1	3	860	7	2	20
726	6	1	26	771	6	3	15	816	7	1	4	861	7	2	21
727	6	1	27	772	6	3	16	817	7	1	5	862	7	2	22
728	6	2	0	773	6	3	17	818	7	1	6	863	7	2	23
729	6	2	1	774	6	3	18	819	7	1	7	864	7	2	24
730	6	2	2	775	6	3	19	820	7	1	8	865	7	2	25
731	6	2	3	776	6	3	20	821	7	1	9	866	7	2	26
732	6	2	4	777	6	3	21	822	7	1	10	867	7	2	27
733	6	2	5	778	6	3	22	823	7	1	11	868	7	3	0
734	6	2	6	779	6	3	23	824	7	1	12	869	7	3	1
735	6	2	7	780	6	3	24	825	7	1	13	870	7	3	2
736	6	2	8	781	6	3	25	826	7	1	14	871	7	3	3
737	6	2	9	782	6	3	26	827	7	1	15	872	7	3	4
738	6	2	10	783	6	3	27	828	7	1	16	873	7	3	5
739	6	2	11	784	7	0	0	829	7	1	17	874	7	3	6
740	6	2	12	785	7	0	1	830	7	1	18	875	7	3	7
741	6	2	13	786	7	0	2	831	7	1	19	876	7	3	8
742	6	2	14	787	7	0	3	832	7	1	20	877	7	3	9
743	6	2	15	788	7	0	4	833	7	1	21	878	7	3	10
744	6	2	16	789	7	0	5	834	7	1	22	879	7	3	11
745	6	2	17	790	7	0	6	835	7	1	23	880	7	3	12
746	6	2	18	791	7	0	7	836	7	1	24	881	7	3	13
747	6	2	19	792	7	0	8	837	7	1	25	882	7	3	14
748	6	2	20	793	7	0	9	838	7	1	26	883	7	3	15

lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.
884	7	3	16	929	8	1	5	974	8	2	22	1019	9	0	11
885	7	3	17	930	8	1	6	975	8	2	23	1020	9	0	12
886	7	3	18	931	8	1	7	976	8	2	24	1021	9	0	13
887	7	3	19	932	8	1	8	977	8	2	25	1022	9	0	14
888	7	3	20	933	8	1	9	978	8	2	26	1023	9	0	15
889	7	3	21	934	8	1	10	979	8	2	27	1024	9	0	16
890	7	3	22	935	8	1	11	980	8	3	0	1025	9	0	17
891	7	3	23	936	8	1	12	981	8	3	1	1026	9	0	18
892	7	3	24	937	8	1	13	982	8	3	2	1027	9	0	19
393	7	3	25	938	8	1	14	983	8	3	3	1028	9	0	20
894	7	3	26	939	8	1	15	984	8	3	4	1029	9	0	21
895	7	3	27	940	8	1	16	985	8	3	5	1030	9	0	22
896	8	0	0	941	8	1	17	986	8	3	6	1031	9	0	23
897	8	0	1	942	8	1	18	987	8	3	7	1032	9	0	24
898	8	0	2	943	8	1	19	988	8	3	8	1033	9	0	25
899	8	0	3	944	8	1	20	989	8	3	9	1034	9	0	26
900	8	0	4	945	8	1	21	990	8	3	10	1035	9	0	27
901	8	0	5	946	8	1	22	991	8	3	11	1036	9	1	0
902	8	0	6	947	8	1	23	992	8	3	12	1037	9	1	1
903	8	0	7	948	8	1	24	993	8	3	13	1038	9	1	2
904	8	0	8	949	8	1	25	994	8	3	14	1039	9	1	3
905	8	0	9	950	8	1	26	995	8	3	15	1040	9	1	4
906	8	0	10	951	8	1	27	996	8	3	16	1041	9	1	5
907	8	0	11	952	8	2	0	997	8	3	17	1042	9	1	6
908	8	0	12	953	8	2	1	998	8	3	18	1043	9	1	7
909	8	0	13	954	8	2	2	999	8	3	19	1044	9	1	8
910	8	0	14	955	8	2	3	1000	8	3	20	1045	9	1	9
911	8	0	15	956	8	2	4	1001	8	3	21	1046	9	1	10
912	8	0	16	957	8	2	5	1002	8	3	22	1047	9	1	11
913	8	0	17	958	8	2	6	1003	8	3	23	1048	9	1	12
914	8	0	18	959	8	2	7	1004	8	3	24	1049	9	1	13
915	8	0	19	960	8	2	8	1005	8	3	25	1050	9	1	14
916	8	0	20	961	8	2	9	1006	8	3	26	1051	9	1	15
917	8	0	21	962	8	2	10	1007	8	3	27	1052	9	1	16
918	8	0	22	963	8	2	11	1008	9	0	0	1053	9	1	17
919	8	0	23	964	8	2	12	1009	9	0	1	1054	9	1	18
920	8	0	24	965	8	2	13	1010	9	0	2	1055	9	1	19
921	8	0	25	966	8	2	14	1011	9	0	3	1056	9	1	20
922	8	0	26	967	8	2	15	1012	9	0	4	1057	9	1	21
923	8	0	27	968	8	2	16	1013	9	0	5	1058	9	1	22
924	8	1	0	969	8	2	17	1014	9	0	6	1059	9	1	23
925	8	1	1	970	8	2	18	1015	9	0	7	1060	9	1	24
926	8	1	2	971	8	2	19	1016	9	0	8	1061	9	1	25
927	8	1	3	972	8	2	20	1017	9	0	9	1062	9	1	26
928	8	1	4	973	8	2	21	1018	9	0	10	1063	9	1	27

lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.
1064	9	2	0	1109	9	3	17	1154	10	1	6	1199	10	2	23
1065	9	2	1	1110	9	3	18	1155	10	1	7	1200	10	2	24
1066	9	2	2	1111	9	3	19	1156	10	1	8	1201	10	2	25
1067	9	2	3	1112	9	3	20	1157	10	1	9	1202	10	2	26
1068	9	2	4	1113	9	3	21	1158	10	1	10	1203	10	2	27
1069	9	2	5	1114	9	3	22	1159	10	1	11	1204	10	3	0
1070	9	2	6	1115	9	3	23	1160	10	1	12	1205	10	3	1
1071	9	2	7	1116	9	3	24	1161	10	1	13	1206	10	3	2
1072	9	2	8	1117	9	3	25	1162	10	1	14	1207	10	3	3
1073	9	2	9	1118	9	3	26	1163	10	1	15	1208	10	3	4
1074	9	2	10	1119	9	3	27	1164	10	1	16	1209	10	3	5
1075	9	2	11	1120	10	0	0	1165	10	1	17	1210	10	3	6
1076	9	2	12	1121	10	0	1	1166	10	1	18	1211	10	3	7
1077	9	2	13	1122	10	0	2	1167	10	1	19	1212	10	3	8
1078	9	2	14	1123	10	0	3	1168	10	1	20	1213	10	3	9
1079	9	2	15	1124	10	0	4	1169	10	1	21	1214	10	3	10
1080	9	2	16	1125	10	0	5	1170	10	1	22	1215	10	3	11
1081	9	2	17	1126	10	0	6	1171	10	1	23	1216	10	3	12
1082	9	2	18	1127	10	0	7	1172	10	1	24	1217	10	3	13
1083	9	2	19	1128	10	0	8	1173	10	1	25	1218	10	3	14
1084	9	2	20	1129	10	0	9	1174	10	1	26	1219	10	3	15
1085	9	2	21	1130	10	0	10	1175	10	1	27	1220	10	3	16
1086	9	2	22	1131	10	0	11	1176	10	2	0	1221	10	3	17
1087	9	2	23	1132	10	0	12	1177	10	2	1	1222	10	3	18
1088	9	2	24	1133	10	0	13	1178	10	2	2	1223	10	3	19
1089	9	2	25	1134	10	0	14	1179	10	2	3	1224	10	3	20
1090	9	2	26	1135	10	0	15	1180	10	2	4	1225	10	3	21
1091	9	2	27	1136	10	0	16	1181	10	2	5	1226	10	3	22
1092	9	3	0	1137	10	0	17	1182	10	2	6	1227	10	3	23
1093	9	3	1	1138	10	0	18	1183	10	2	7	1228	10	3	24
1094	9	3	2	1139	10	0	19	1184	10	2	8	1229	10	3	25
1095	9	3	3	1140	10	0	20	1185	10	2	9	1230	10	3	26
1096	9	3	4	1141	10	0	21	1186	10	2	10	1231	10	3	27
1097	9	3	5	1142	10	0	22	1187	10	2	11	1232	11	0	0
1098	9	3	6	1143	10	0	23	1188	10	2	12	1233	11	0	1
1099	9	3	7	1144	10	0	24	1189	10	2	13	1234	11	0	2
1100	9	3	8	1145	10	0	25	1190	10	2	14	1235	11	0	3
1101	9	3	9	1146	10	0	26	1191	10	2	15	1236	11	0	4
1102	9	3	10	1147	10	0	27	1192	10	2	16	1237	11	0	5
1103	9	3	11	1148	10	1	0	1193	10	2	17	1238	11	0	6
1104	9	3	12	1149	10	1	1	1194	10	2	18	1239	11	0	7
1105	9	3	13	1150	10	1	2	1195	10	2	19	1240	11	0	8
1106	9	3	14	1151	10	1	3	1196	10	2	20	1241	11	0	9
1107	9	3	15	1152	10	1	4	1197	10	2	21	1242	11	0	10
1108	9	3	16	1153	10	1	5	1198	10	2	22	1243	11	0	11

lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.
1244	11	0	12	1289	11	2	1	1334	11	3	18	1379	12	1	7
1245	11	0	13	1290	11	2	2	1335	11	3	19	1380	12	1	8
1246	11	0	14	1291	11	2	3	1336	11	3	20	1381	12	1	9
1247	11	0	15	1292	11	2	4	1337	11	3	21	1382	12	1	10
1248	11	0	16	1293	11	2	5	1338	11	3	22	1383	12	1	11
1249	11	0	17	1294	11	2	6	1339	11	3	23	1384	12	1	12
1250	11	0	18	1295	11	2	7	1340	11	3	24	1385	12	1	13
1251	11	0	19	1296	11	2	8	1341	11	3	25	1386	12	1	14
1252	11	0	20	1297	11	2	9	1342	11	3	26	1387	12	1	15
1253	11	0	21	1298	11	2	10	1343	11	3	27	1388	12	1	16
1254	11	0	22	1299	11	2	11	1344	12	0	0	1389	12	1	17
1255	11	0	23	1300	11	2	12	1345	12	0	1	1390	12	1	18
1256	11	0	24	1301	11	2	13	1346	12	0	2	1391	12	1	19
1257	11	0	25	1302	11	2	14	1347	12	0	3	1392	12	1	20
1258	11	0	26	1303	11	2	15	1348	12	0	4	1393	12	1	21
1259	11	0	27	1304	11	2	16	1349	12	0	5	1394	12	1	22
1260	11	1	0	1305	11	2	17	1350	12	0	6	1395	12	1	23
1261	11	1	1	1306	11	2	18	1351	12	0	7	1396	12	1	24
1262	11	1	2	1307	11	2	19	1352	12	0	8	1397	12	1	25
1263	11	1	3	1308	11	2	20	1353	12	0	9	1398	12	1	26
1264	11	1	4	1309	11	2	21	1354	12	0	10	1399	12	1	27
1265	11	1	5	1310	11	2	22	1355	12	0	11	1400	12	2	0
1266	11	1	6	1311	11	2	23	1356	12	0	12	1401	12	2	1
1267	11	1	7	1312	11	2	24	1357	12	0	13	1402	12	2	2
1268	11	1	8	1313	11	2	25	1358	12	0	14	1403	12	2	3
1269	11	1	9	1314	11	2	26	1359	12	0	15	1404	12	2	4
1270	11	1	10	1315	11	2	27	1360	12	0	16	1405	12	2	5
1271	11	1	11	1316	11	3	0	1361	12	0	17	1406	12	2	6
1272	11	1	12	1317	11	3	1	1362	12	0	18	1407	12	2	7
1273	11	1	13	1318	11	3	2	1363	12	0	19	1408	12	2	8
1274	11	1	14	1319	11	3	3	1364	12	0	20	1409	12	2	9
1275	11	1	15	1320	11	3	4	1365	12	0	21	1410	12	2	10
1276	11	1	16	1321	11	3	5	1366	12	0	22	1411	12	2	11
1277	11	1	17	1322	11	3	6	1367	12	0	23	1412	12	2	12
1278	11	1	18	1323	11	3	7	1368	12	0	24	1413	12	2	13
1279	11	1	19	1324	11	3	8	1369	12	0	25	1414	12	2	14
1280	11	1	20	1325	11	3	9	1370	12	0	26	1415	12	2	15
1281	11	1	21	1326	11	3	10	1371	12	0	27	1416	12	2	16
1282	11	1	22	1327	11	3	11	1372	12	1	0	1417	12	2	17
1283	11	1	23	1328	11	3	12	1373	12	1	1	1418	12	2	18
1284	11	1	24	1329	11	3	13	1374	12	1	2	1419	12	2	19
1285	11	1	25	1330	11	3	14	1375	12	1	3	1420	12	2	20
1286	11	1	26	1331	11	3	15	1376	12	1	4	1421	12	2	21
1287	11	1	27	1332	11	3	16	1377	12	1	5	1422	12	2	22
1288	11	2	0	1333	11	3	17	1378	12	1	6	1423	12	2	23

lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.
1424	12	2	24	1469	13	0	13	1514	13	2	2	1559	13	3	19
1425	12	2	25	1470	13	0	14	1515	13	2	3	1560	13	3	20
1426	12	2	26	1471	13	0	15	1516	13	2	4	1561	13	3	21
1427	12	2	27	1472	13	0	16	1517	13	2	5	1562	13	3	22
1428	12	3	0	1473	13	0	17	1518	13	2	6	1563	13	3	23
1429	12	3	1	1474	13	0	18	1519	13	2	7	1564	13	3	24
1430	12	3	2	1475	13	0	19	1520	13	2	8	1565	13	3	25
1431	12	3	3	1476	13	0	20	1521	13	2	9	1566	13	3	26
1432	12	3	4	1477	13	0	21	1522	13	2	10	1567	13	3	27
1433	12	3	5	1478	13	0	22	1523	13	2	11	1568	14	0	0
1434	12	3	6	1479	13	0	23	1524	13	2	12	1569	14	0	1
1435	12	3	7	1480	13	0	24	1525	13	2	13	1570	14	0	2
1436	12	3	8	1481	13	0	25	1526	13	2	14	1571	14	0	3
1437	12	3	9	1482	13	0	26	1527	13	2	15	1572	14	0	4
1438	12	3	10	1483	13	0	27	1528	13	2	16	1573	14	0	5
1439	12	3	11	1484	13	1	0	1529	13	2	17	1574	14	0	6
1440	12	3	12	1485	13	1	1	1530	13	2	18	1575	14	0	7
1441	12	3	13	1486	13	1	2	1531	13	2	19	1576	14	0	8
1442	12	3	14	1487	13	1	3	1532	13	2	20	1577	14	0	9
1443	12	3	15	1488	13	1	4	1533	13	2	21	1578	14	0	10
1444	12	3	16	1489	13	1	5	1534	13	2	22	1579	14	0	11
1445	12	3	17	1490	13	1	6	1535	13	2	23	1580	14	0	12
1446	12	3	18	1491	13	1	7	1536	13	2	24	1581	14	0	13
1447	12	3	19	1492	13	1	8	1537	13	2	25	1582	14	0	14
1448	12	3	20	1493	13	1	9	1538	13	2	26	1583	14	0	15
1449	12	3	21	1494	13	1	10	1539	13	2	27	1584	14	0	16
1450	12	3	22	1495	13	1	11	1540	13	3	0	1585	14	0	17
1451	12	3	23	1496	13	1	12	1541	13	3	1	1586	14	0	18
1452	12	3	24	1497	13	1	13	1542	13	3	2	1587	14	0	19
1453	12	3	25	1498	13	1	14	1543	13	3	3	1588	14	0	20
1454	12	3	26	1499	13	1	15	1544	13	3	4	1589	14	0	21
1455	12	3	27	1500	13	1	16	1545	13	3	5	1590	14	0	22
1456	13	0	0	1501	13	1	17	1546	13	3	6	1591	14	0	23
1457	13	0	1	1502	13	1	18	1547	13	3	7	1592	14	0	24
1458	13	0	2	1503	13	1	19	1548	13	3	8	1593	14	0	25
1459	13	0	3	1504	13	1	20	1549	13	3	9	1594	14	0	26
1460	13	0	4	1505	13	1	21	1550	13	3	10	1595	14	0	27
1461	13	0	5	1506	13	1	22	1551	13	3	11	1596	14	1	0
1462	13	0	6	1507	13	1	23	1552	13	3	12	1597	14	1	1
1463	13	0	7	1508	13	1	24	1553	13	3	13	1598	14	1	2
1464	13	0	8	1509	13	1	25	1554	13	3	14	1599	14	1	3
1465	13	0	9	1510	13	1	26	1555	13	3	15	1600	14	1	4
1466	13	0	10	1511	13	1	27	1556	13	3	16	1601	14	1	5
1467	13	0	11	1512	13	2	0	1557	13	3	17	1602	14	1	6
1468	13	0	12	1513	13	2	1	1558	13	3	18	1603	14	1	7

lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.	lbs.	c.	qrs.	lbs.
1604	14	1	8	1624	14	2	0	1644	14	2	20	1664	14	3	12
1605	14	1	9	1625	14	2	1	1645	14	2	21	1665	14	3	13
1606	14	1	10	1626	14	2	2	1646	14	2	22	1666	14	3	14
1607	14	1	11	1627	14	2	3	1647	14	2	23	1667	14	3	15
1608	14	1	12	1628	14	2	4	1648	14	2	24	1668	14	3	16
1609	14	1	13	1629	14	2	5	1649	14	2	25	1669	14	3	17
1610	14	1	14	1630	14	2	6	1650	14	2	26	1670	14	3	18
1611	14	1	15	1631	14	2	7	1651	14	2	27	1671	14	3	19
1612	14	1	16	1632	14	2	8	1652	14	3	0	1672	14	3	20
1613	14	1	17	1633	14	2	9	1653	14	3	1	1673	14	3	21
1614	14	1	18	1634	14	2	10	1654	14	3	2	1674	14	3	22
1615	14	1	19	1635	14	2	11	1655	14	3	3	1675	14	3	23
1616	14	1	20	1636	14	2	12	1656	14	3	4	1676	14	3	24
1617	14	1	21	1637	14	2	13	1657	14	3	5	1677	14	3	25
1618	14	1	22	1638	14	2	14	1658	14	3	6	1678	14	3	26
1619	14	1	23	1639	14	2	15	1659	14	3	7	1679	14	3	27
1620	14	1	24	1640	14	2	16	1660	14	3	8	1680	15	0	0
1621	14	1	25	1641	14	2	17	1661	14	3	9				
1622	14	1	26	1642	14	2	18	1662	14	3	10				
1623	14	1	27	1643	14	2	19	1663	14	3	11				

TABLE No. 21.

WAGES TABLE.

TABLE No. 21.—WAGES TABLE.

At One Farthing per Hour.

¼d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼				35	0	0	8¾	71	0	1	5¾	107	0	2	2¾
½				36	0	0	9	72	0	1	6	108	0	2	3
¾				37	0	0	9¼	73	0	1	6¼	109	0	2	3¼
1	0	0	0¼	38	0	0	9½	74	0	1	6½	110	0	2	3½
2	0	0	0½	39	0	0	9¾	75	0	1	6¾	111	0	2	3¾
3	0	0	0¾	40	0	0	10	76	0	1	7	112	0	2	4
4	0	0	1	41	0	0	10¼	77	0	1	7¼	113	0	2	4¼
5	0	0	1¼	42	0	0	10½	78	0	1	7½	114	0	2	4½
6	0	0	1½	43	0	0	10¾	79	0	1	7¾	115	0	2	4¾
7	0	0	1¾	44	0	0	11	80	0	1	8	116	0	2	5
8	0	0	2	45	0	0	11¼	81	0	1	8¼	117	0	2	5¼
9	0	0	2¼	46	0	0	11½	82	0	1	8½	118	0	2	5½
10	0	0	2½	47	0	0	11¾	83	0	1	8¾	119	0	2	5¾
11	0	0	2¾	48	0	1	0	84	0	1	9	120	0	2	6
12	0	0	3	49	0	1	0¼	85	0	1	9¼	121	0	2	6¼
13	0	0	3¼	50	0	1	0½	86	0	1	9½	122	0	2	6½
14	0	0	3½	51	0	1	0¾	87	0	1	9¾	123	0	2	6¾
15	0	0	3¾	52	0	1	1	88	0	1	10	124	0	2	7
16	0	0	4	53	0	1	1¼	89	0	1	10¼	125	0	2	7¼
17	0	0	4¼	54	0	1	1½	90	0	1	10½	126	0	2	7½
18	0	0	4½	55	0	1	1¾	91	0	1	10¾	127	0	2	7¾
19	0	0	4¾	56	0	1	2	92	0	1	11	128	0	2	8
20	0	0	5	57	0	1	2¼	93	0	1	11¼	129	0	2	8¼
21	0	0	5¼	58	0	1	2½	94	0	1	11½	130	0	2	8½
22	0	0	5½	59	0	1	2¾	95	0	1	11¾	131	0	2	8¾
23	0	0	5¾	60	0	1	3	96	0	2	0	132	0	2	9
24	0	0	6	61	0	1	3¼	97	0	2	0¼	133	0	2	9¼
25	0	0	6¼	62	0	1	3½	98	0	2	0½	134	0	2	9½
26	0	0	6½	63	0	1	3¾	99	0	2	0¾	135	0	2	9¾
27	0	0	6¾	64	0	1	4	100	0	2	1	136	0	2	10
28	0	0	7	65	0	1	4¼	101	0	2	1¼	137	0	2	10¼
29	0	0	7¼	66	0	1	4½	102	0	2	1½	138	0	2	10½
30	0	0	7½	67	0	1	4¾	103	0	2	1¾	139	0	2	10¾
31	0	0	7¾	68	0	1	5	104	0	2	2	140	0	2	11
32	0	0	8	69	0	1	5¼	105	0	2	2¼	141	0	2	11¼
33	0	0	8¼	70	0	1	5½	106	0	2	2½	142	0	2	11½
34	0	0	8½												

At One Halfpenny per Hour.

½d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼				35	0	1	5½	71	0	2	11½	107	0	4	5½
½	0	0	0¼	36	0	1	6	72	0	3	0	108	0	4	6
¾				37	0	1	6½	73	0	3	0½	109	0	4	6½
1	0	0	½	38	0	1	7	74	0	3	1	110	0	4	7
2	0	0	1	39	0	1	7½	75	0	3	1½	111	0	4	7½
3	0	0	1½	40	0	1	8	76	0	3	2	112	0	4	8
4	0	0	2	41	0	1	8½	77	0	3	2½	113	0	4	8½
5	0	0	2½	42	0	1	9	78	0	3	3	114	0	4	9
6	0	0	3	43	0	1	9½	79	0	3	3½	115	0	4	9½
7	0	0	3½	44	0	1	10	80	0	3	4	116	0	4	10
8	0	0	4	45	0	1	10½	81	0	3	4½	117	0	4	10½
9	0	0	4½	46	0	1	11	82	0	3	5	118	0	4	11
10	0	0	5	47	0	1	11½	83	0	3	5½	119	0	4	11½
11	0	0	5½	48	0	2	0	84	0	3	6	120	0	5	0
12	0	0	6	49	0	2	0½	85	0	3	6½	121	0	5	0½
13	0	0	6½	50	0	2	1	86	0	3	7	122	0	5	1
14	0	0	7	51	0	2	1½	87	0	3	7½	123	0	5	1½
15	0	0	7½	52	0	2	2	88	0	3	8	124	0	5	2
16	0	0	8	53	0	2	2½	89	0	3	8½	125	0	5	2½
17	0	0	8½	54	0	2	3	90	0	3	9	126	0	5	3
18	0	0	9	55	0	2	3½	91	0	3	9½	127	0	5	3½
19	0	0	9½	56	0	2	4	92	0	3	10	128	0	5	4
20	0	0	10	57	0	2	4½	93	0	3	10½	129	0	5	4½
21	0	0	10½	58	0	2	5	94	0	3	11	130	0	5	5
22	0	0	11	59	0	2	5½	95	0	3	11½	131	0	5	5½
23	0	0	11½	60	0	2	6	96	0	4	0	132	0	5	6
24	0	1	0	61	0	2	6½	97	0	4	0½	133	0	5	6½
25	0	1	0½	62	0	2	7	98	0	4	1	134	0	5	7
26	0	1	1	63	0	2	7½	99	0	4	1½	135	0	5	7½
27	0	1	1½	64	0	2	8	100	0	4	2	136	0	5	8
28	0	1	2	65	0	2	8½	101	0	4	2½	137	0	5	8½
29	0	1	2½	66	0	2	9	102	0	4	3	138	0	5	9
30	0	1	3	67	0	2	9½	103	0	4	3½	139	0	5	9½
31	0	1	3½	68	0	2	10	104	0	4	4	140	0	5	10
32	0	1	4	69	0	2	10½	105	0	4	4½	141	0	5	10½
33	0	1	4½	70	0	2	11	106	0	4	5	142	0	5	11
34	0	1	5												

At Three Farthings per Hour

$\frac{3}{4}$d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
$\frac{1}{4}$				35	0	2	$2\frac{1}{4}$	71	0	4	$5\frac{1}{4}$	107	0	6	$8\frac{1}{4}$
$\frac{1}{2}$				36	0	2	3	72	0	4	6	108	0	6	9
$\frac{3}{4}$				37	0	2	$3\frac{3}{4}$	73	0	4	$6\frac{3}{4}$	109	0	6	$9\frac{3}{4}$
1	0	0	$0\frac{3}{4}$	38	0	2	$4\frac{1}{2}$	74	0	4	$7\frac{1}{2}$	110	0	6	$10\frac{1}{2}$
2	0	0	$1\frac{1}{2}$	39	0	2	$5\frac{1}{4}$	75	0	4	$8\frac{1}{4}$	111	0	6	$11\frac{1}{4}$
3	0	0	$2\frac{1}{4}$	40	0	2	6	76	0	4	9	112	0	7	0
4	0	0	3	41	0	2	$6\frac{3}{4}$	77	0	4	$9\frac{3}{4}$	113	0	7	$0\frac{3}{4}$
5	0	0	$3\frac{3}{4}$	42	0	2	$7\frac{1}{2}$	78	0	4	$10\frac{1}{2}$	114	0	7	$1\frac{1}{2}$
6	0	0	$4\frac{1}{2}$	43	0	2	$8\frac{1}{4}$	79	0	4	$11\frac{1}{4}$	115	0	7	$2\frac{1}{4}$
7	0	0	$5\frac{1}{4}$	44	0	2	9	80	0	5	0	116	0	7	3
8	0	0	6	45	0	2	$9\frac{3}{4}$	81	0	5	$0\frac{3}{4}$	117	0	7	$3\frac{3}{4}$
9	0	0	$6\frac{3}{4}$	46	0	2	$10\frac{1}{2}$	82	0	5	$1\frac{1}{2}$	118	0	7	$4\frac{1}{2}$
10	0	0	$7\frac{1}{2}$	47	0	2	$11\frac{1}{4}$	83	0	5	$2\frac{1}{4}$	119	0	7	$5\frac{1}{4}$
11	0	0	$8\frac{1}{4}$	48	0	3	0	84	0	5	3	120	0	7	6
12	0	0	9	49	0	3	$0\frac{3}{4}$	85	0	5	$3\frac{3}{4}$	121	0	7	$6\frac{3}{4}$
13	0	0	$9\frac{3}{4}$	50	0	3	$1\frac{1}{2}$	86	0	5	$4\frac{1}{2}$	122	0	7	$7\frac{1}{2}$
14	0	0	$10\frac{1}{2}$	51	0	3	$2\frac{1}{4}$	87	0	5	$5\frac{1}{4}$	123	0	7	$8\frac{1}{4}$
15	0	0	$11\frac{1}{4}$	52	0	3	3	88	0	5	6	124	0	7	9
16	0	1	0	53	0	3	$3\frac{3}{4}$	89	0	5	$6\frac{3}{4}$	125	0	7	$9\frac{3}{4}$
17	0	1	$0\frac{3}{4}$	54	0	3	$4\frac{1}{2}$	90	0	5	$7\frac{1}{2}$	126	0	7	$10\frac{1}{2}$
18	0	1	$1\frac{1}{2}$	55	0	3	$5\frac{1}{4}$	91	0	5	$8\frac{1}{4}$	127	0	7	$11\frac{1}{4}$
19	0	1	$2\frac{1}{4}$	56	0	3	6	92	0	5	9	128	0	8	0
20	0	1	3	57	0	3	$6\frac{3}{4}$	93	0	5	$9\frac{3}{4}$	129	0	8	$0\frac{3}{4}$
21	0	1	$3\frac{3}{4}$	58	0	3	$7\frac{1}{2}$	94	0	5	$10\frac{1}{2}$	130	0	8	$1\frac{1}{2}$
22	0	1	$4\frac{1}{2}$	59	0	3	$8\frac{1}{4}$	95	0	5	$11\frac{1}{4}$	131	0	8	$2\frac{1}{4}$
23	0	1	$5\frac{1}{4}$	60	0	3	9	96	0	6	0	132	0	8	3
24	0	1	6	61	0	3	$9\frac{3}{4}$	97	0	6	$0\frac{3}{4}$	133	0	8	$3\frac{3}{4}$
25	0	1	$6\frac{3}{4}$	62	0	3	$10\frac{1}{2}$	98	0	6	$1\frac{1}{2}$	134	0	8	$4\frac{1}{2}$
26	0	1	$7\frac{1}{2}$	63	0	3	$11\frac{1}{4}$	99	0	6	$2\frac{1}{4}$	135	0	8	$5\frac{1}{4}$
27	0	1	$8\frac{1}{4}$	64	0	4	0	100	0	6	3	136	0	8	6
28	0	1	9	65	0	4	$0\frac{3}{4}$	101	0	6	$3\frac{3}{4}$	137	0	8	$6\frac{3}{4}$
29	0	1	$9\frac{3}{4}$	66	0	4	$1\frac{1}{2}$	102	0	6	$4\frac{1}{2}$	138	0	8	$7\frac{1}{2}$
30	0	1	$10\frac{1}{2}$	67	0	4	$2\frac{1}{4}$	103	0	6	$5\frac{1}{4}$	139	0	8	$8\frac{1}{4}$
31	0	1	$11\frac{1}{4}$	68	0	4	3	104	0	6	6	140	0	8	9
32	0	2	0	69	0	4	$3\frac{3}{4}$	105	0	6	$6\frac{3}{4}$	141	0	8	$9\frac{3}{4}$
33	0	2	$0\frac{3}{4}$	70	0	4	$4\frac{1}{2}$	106	0	6	$7\frac{1}{2}$	142	0	8	$10\frac{1}{2}$
34	0	2	$1\frac{1}{2}$												

At One Penny per Hour.

1d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
$\frac{1}{4}$	0	0	0$\frac{1}{4}$	35	0	2	11	71	0	5	11	107	0	8	11
$\frac{1}{2}$	0	0	0$\frac{1}{2}$	36	0	3	0	72	0	6	0	108	0	9	0
$\frac{3}{4}$	0	0	0$\frac{3}{4}$	37	0	3	1	73	0	6	1	109	0	9	1
1	0	0	1	38	0	3	2	74	0	6	2	110	0	9	2
2	0	0	2	39	0	3	3	75	0	6	3	111	0	9	3
3	0	0	3	40	0	3	4	76	0	6	4	112	0	9	4
4	0	0	4	41	0	3	5	77	0	6	5	113	0	9	5
5	0	0	5	42	0	3	6	78	0	6	6	114	0	9	6
6	0	0	6	43	0	3	7	79	0	6	7	115	0	9	7
7	0	0	7	44	0	3	8	80	0	6	8	116	0	9	8
8	0	0	8	45	0	3	9	81	0	6	9	117	0	9	9
9	0	0	9	46	0	3	10	82	0	6	10	118	0	9	10
10	0	0	10	47	0	3	11	83	0	6	11	119	0	9	11
11	0	0	11	48	0	4	0	84	0	7	0	120	0	10	0
12	0	1	0	49	0	4	1	85	0	7	1	121	0	10	1
13	0	1	1	50	0	4	2	86	0	7	2	122	0	10	2
14	0	1	2	51	0	4	3	87	0	7	3	123	0	10	3
15	0	1	3	52	0	4	4	88	0	7	4	124	0	10	4
16	0	1	4	53	0	4	5	89	0	7	5	125	0	10	5
17	0	1	5	54	0	4	6	90	0	7	6	126	0	10	6
18	0	1	6	55	0	4	7	91	0	7	7	127	0	10	7
19	0	1	7	56	0	4	8	92	0	7	8	128	0	10	8
20	0	1	8	57	0	4	9	93	0	7	9	129	0	10	9
21	0	1	9	58	0	4	10	94	0	7	10	130	0	10	10
22	0	1	10	59	0	4	11	95	0	7	11	131	0	10	11
23	0	1	11	60	0	5	0	96	0	8	0	132	0	11	0
24	0	2	0	61	0	5	1	97	0	8	1	133	0	11	1
25	0	2	1	62	0	5	2	98	0	8	2	134	0	11	2
26	0	2	2	63	0	5	3	99	0	8	3	135	0	11	3
27	0	2	3	64	0	5	4	100	0	8	4	136	0	11	4
28	0	2	4	65	0	5	5	101	0	8	5	137	0	11	5
29	0	2	5	66	0	5	6	102	0	8	6	138	0	11	6
30	0	2	6	67	0	5	7	103	0	8	7	139	0	11	7
31	0	2	7	68	0	5	8	104	0	8	8	140	0	11	8
32	0	2	8	69	0	5	9	105	0	8	9	141	0	11	9
33	0	2	9	70	0	5	10	106	0	8	10	142	0	11	10
34	0	2	10												

At One Penny Farthing per Hour.

1¼d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	0¼	35	0	3	7¾	71	0	7	4¾	107	0	11	1¾
½	0	0	0½	36	0	3	9	72	0	7	6	108	0	11	3
¾	0	0	0¾	37	0	3	10¼	73	0	7	7¼	109	0	11	4¼
1	0	0	1¼	38	0	3	11½	74	0	7	8½	110	0	11	5½
2	0	0	2½	39	0	4	0¾	75	0	7	9¾	111	0	11	6¾
3	0	0	3¾	40	0	4	2	76	0	7	11	112	0	11	8
4	0	0	5	41	0	4	3¼	77	0	8	0¼	113	0	11	9¼
5	0	0	6¼	42	0	4	4½	78	0	8	1½	114	0	11	10½
6	0	0	7½	43	0	4	5¾	79	0	8	2¾	115	0	11	11¾
7	0	0	8¾	44	0	4	7	80	0	8	4	116	0	12	1
8	0	0	10	45	0	4	8¼	81	0	8	5¼	117	0	12	2¼
9	0	0	11¼	46	0	4	9½	82	0	8	6½	118	0	12	3½
10	0	1	0½	47	0	4	10¾	83	0	8	7¾	119	0	12	4¾
11	0	1	1¾	48	0	5	0	84	0	8	9	120	0	12	6
12	0	1	3	49	0	5	1¼	85	0	8	10¼	121	0	12	7¼
13	0	1	4¼	50	0	5	2½	86	0	8	11½	122	0	12	8½
14	0	1	5½	51	0	5	3¾	87	0	9	0¾	123	0	12	9¾
15	0	1	6¾	52	0	5	5	88	0	9	2	124	0	12	11
16	0	1	8	53	0	5	6¼	89	0	9	3¼	125	0	13	0¼
17	0	1	9¼	54	0	5	7½	90	0	9	4½	126	0	13	1½
18	0	1	10½	55	0	5	8¾	91	0	9	5¾	127	0	13	2¾
19	0	1	11¾	56	0	5	10	92	0	9	7	128	0	13	4
20	0	2	1	57	0	5	11¼	93	0	9	8¼	129	0	13	5¼
21	0	2	2¼	58	0	6	0½	94	0	9	9½	130	0	13	6½
22	0	2	3½	59	0	6	1¾	95	0	9	10¾	131	0	13	7¾
23	0	2	4¾	60	0	6	3	96	0	10	0	132	0	13	9
24	0	2	6	61	0	6	4¼	97	0	10	1¼	133	0	13	10¼
25	0	2	7¼	62	0	6	5½	98	0	10	2½	134	0	13	11½
26	0	2	8½	63	0	6	6¾	99	0	10	3¾	135	0	14	0¾
27	0	2	9¾	64	0	6	8	100	0	10	5	136	0	14	2
28	0	2	11	65	0	6	9¼	101	0	10	6¼	137	0	14	3¼
29	0	3	0¼	66	0	6	10½	102	0	10	7½	138	0	14	4½
30	0	3	1½	67	0	6	11¾	103	0	10	8¾	139	0	14	5¾
31	0	3	2¾	68	0	7	1	104	0	10	10	140	0	14	7
32	0	3	4	69	0	7	2¼	105	0	10	11¼	141	0	14	8¼
33	0	3	5¼	70	0	7	3½	106	0	11	0½	142	0	14	9½
34	0	3	6½												

At One Penny Halfpenny per Hour.

$1\frac{1}{2}$d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
$\frac{1}{4}$	0	0	$0\frac{1}{4}$	35	0	4	$4\frac{1}{2}$	71	0	8	$10\frac{1}{2}$	107	0	13	$4\frac{1}{2}$
$\frac{1}{2}$	0	0	$0\frac{3}{4}$	36	0	4	6	72	0	9	0	108	0	13	6
$\frac{3}{4}$	0	0	1	37	0	4	$7\frac{1}{2}$	73	0	9	$1\frac{1}{2}$	109	0	13	$7\frac{1}{2}$
1	0	0	$1\frac{1}{2}$	38	0	4	9	74	0	9	3	110	0	13	9
2	0	0	3	39	0	4	$10\frac{1}{2}$	75	0	9	$4\frac{1}{2}$	111	0	13	$10\frac{1}{2}$
3	0	0	$4\frac{1}{2}$	40	0	5	0	76	0	9	6	112	0	14	0
4	0	0	6	41	0	5	$1\frac{1}{2}$	77	0	9	$7\frac{1}{2}$	113	0	14	$1\frac{1}{2}$
5	0	0	$7\frac{1}{2}$	42	0	5	3	78	0	9	9	114	0	14	3
6	0	0	9	43	0	5	$4\frac{1}{2}$	79	0	9	$10\frac{1}{2}$	115	0	14	$4\frac{1}{2}$
7	0	0	$10\frac{1}{2}$	44	0	5	6	80	0	10	0	116	0	14	6
8	0	1	0	45	0	5	$7\frac{1}{2}$	81	0	10	$1\frac{1}{2}$	117	0	14	$7\frac{1}{2}$
9	0	1	$1\frac{1}{2}$	46	0	5	9	82	0	10	3	118	0	14	9
10	0	1	3	47	0	5	$10\frac{1}{2}$	83	0	10	$4\frac{1}{2}$	119	0	14	$10\frac{1}{2}$
11	0	1	$4\frac{1}{2}$	48	0	6	0	84	0	10	6	120	0	15	0
12	0	1	6	49	0	6	$1\frac{1}{2}$	85	0	10	$7\frac{1}{2}$	121	0	15	$1\frac{1}{2}$
13	0	1	$7\frac{1}{2}$	50	0	6	3	86	0	10	9	122	0	15	3
14	0	1	9	51	0	6	$4\frac{1}{2}$	87	0	10	$10\frac{1}{2}$	123	0	15	$4\frac{1}{2}$
15	0	1	$10\frac{1}{2}$	52	0	6	6	88	0	11	0	124	0	15	6
16	0	2	0	53	0	6	$7\frac{1}{2}$	89	0	11	$1\frac{1}{2}$	125	0	15	$7\frac{1}{2}$
17	0	2	$1\frac{1}{2}$	54	0	6	9	90	0	11	3	126	0	15	9
18	0	2	3	55	0	6	$10\frac{1}{2}$	91	0	11	$4\frac{1}{2}$	127	0	15	$10\frac{1}{2}$
19	0	2	$4\frac{1}{2}$	56	0	7	0	92	0	11	6	128	0	16	0
20	0	2	6	57	0	7	$1\frac{1}{2}$	93	0	11	$7\frac{1}{2}$	129	0	16	$1\frac{1}{2}$
21	0	2	$7\frac{1}{2}$	58	0	7	3	94	0	11	9	130	0	16	3
22	0	2	9	59	0	7	$4\frac{1}{2}$	95	0	11	$10\frac{1}{2}$	131	0	16	$4\frac{1}{2}$
23	0	2	$10\frac{1}{2}$	60	0	7	6	96	0	12	0	132	0	16	6
24	0	3	0	61	0	7	$7\frac{1}{2}$	97	0	12	$1\frac{1}{2}$	133	0	16	$7\frac{1}{2}$
25	0	3	$1\frac{1}{2}$	62	0	7	9	98	0	12	3	134	0	16	9
26	0	3	3	63	0	7	$10\frac{1}{2}$	99	0	12	$4\frac{1}{2}$	135	0	16	$10\frac{1}{2}$
27	0	3	$4\frac{1}{2}$	64	0	8	0	100	0	12	6	136	0	17	0
28	0	3	6	65	0	8	$1\frac{1}{2}$	101	0	12	$7\frac{1}{2}$	137	0	17	$1\frac{1}{2}$
29	0	3	$7\frac{1}{2}$	66	0	8	3	102	0	12	9	138	0	17	3
30	0	3	9	67	0	8	$4\frac{1}{2}$	103	0	12	$10\frac{1}{2}$	139	0	17	$4\frac{1}{2}$
31	0	3	$10\frac{1}{2}$	68	0	8	6	104	0	13	0	140	0	17	6
32	0	4	0	69	0	8	$7\frac{1}{2}$	105	0	13	$1\frac{1}{2}$	141	0	17	$7\frac{1}{2}$
33	0	4	$1\frac{1}{2}$	70	0	8	9	106	0	13	3	142	0	17	9
34	0	4	3												

At One Penny Three Farthings per Hour.

$1\frac{3}{4}$d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d	Hrs.	£	s.	d.
$\frac{1}{4}$	0	0	$0\frac{1}{4}$	35	0	5	$1\frac{1}{4}$	71	0	10	$4\frac{1}{4}$	107	0	15	$7\frac{1}{4}$
$\frac{1}{2}$	0	0	$0\frac{3}{4}$	36	0	5	3	72	0	10	6	108	0	15	9
$\frac{3}{4}$	0	0	$1\frac{1}{4}$	37	0	5	$4\frac{3}{4}$	73	0	10	$7\frac{3}{4}$	109	0	15	$10\frac{3}{4}$
1	0	0	$1\frac{3}{4}$	38	0	5	$6\frac{1}{2}$	74	0	10	$9\frac{1}{2}$	110	0	16	$0\frac{1}{2}$
2	0	0	$3\frac{1}{2}$	39	0	5	$8\frac{1}{4}$	75	0	10	$11\frac{1}{4}$	111	0	16	$2\frac{1}{4}$
3	0	0	$5\frac{1}{4}$	40	0	5	10	76	0	11	1	112	0	16	4
4	0	0	7	41	0	5	$11\frac{3}{4}$	77	0	11	$2\frac{3}{4}$	113	0	16	$5\frac{3}{4}$
5	0	0	$8\frac{3}{4}$	42	0	6	$1\frac{1}{2}$	78	0	11	$4\frac{1}{2}$	114	0	16	$7\frac{1}{2}$
6	0	0	$10\frac{1}{2}$	43	0	6	$3\frac{1}{4}$	79	0	11	$6\frac{1}{4}$	115	0	16	$9\frac{1}{4}$
7	0	1	$0\frac{1}{4}$	44	0	6	5	80	0	11	8	116	0	16	11
8	0	1	2	45	0	6	$6\frac{3}{4}$	81	0	11	$9\frac{3}{4}$	117	0	17	$0\frac{3}{4}$
9	0	1	$3\frac{3}{4}$	46	0	6	$8\frac{1}{2}$	82	0	11	$11\frac{1}{2}$	118	0	17	$2\frac{1}{2}$
10	0	1	$5\frac{1}{2}$	47	0	6	$10\frac{1}{4}$	83	0	12	$1\frac{1}{4}$	119	0	17	$4\frac{1}{4}$
11	0	1	$7\frac{1}{4}$	48	0	7	0	84	0	12	3	120	0	17	6
12	0	1	9	49	0	7	$1\frac{3}{4}$	85	0	12	$4\frac{3}{4}$	121	0	17	$7\frac{3}{4}$
13	0	1	$10\frac{3}{4}$	50	0	7	$3\frac{1}{2}$	86	0	12	$6\frac{1}{2}$	122	0	17	$9\frac{1}{2}$
14	0	2	$0\frac{1}{2}$	51	0	7	$5\frac{1}{4}$	87	0	12	$8\frac{1}{4}$	123	0	17	$11\frac{1}{4}$
15	0	2	$2\frac{1}{4}$	52	0	7	7	88	0	12	10	124	0	18	1
16	0	2	4	53	0	7	$8\frac{3}{4}$	89	0	12	$11\frac{3}{4}$	125	0	18	$2\frac{3}{4}$
17	0	2	$5\frac{3}{4}$	54	0	7	$10\frac{1}{2}$	90	0	13	$1\frac{1}{2}$	126	0	18	$4\frac{1}{2}$
18	0	2	$7\frac{1}{2}$	55	0	8	$0\frac{1}{4}$	91	0	13	$3\frac{1}{4}$	127	0	18	$6\frac{1}{4}$
19	0	2	$9\frac{1}{4}$	56	0	8	2	92	0	13	5	128	0	18	8
20	0	2	11	57	0	8	$3\frac{3}{4}$	93	0	13	$6\frac{3}{4}$	129	0	18	$9\frac{3}{4}$
21	0	3	$0\frac{3}{4}$	58	0	8	$5\frac{1}{2}$	94	0	13	$8\frac{1}{2}$	130	0	18	$11\frac{1}{2}$
22	0	3	$2\frac{1}{2}$	59	0	8	$7\frac{1}{4}$	95	0	13	$10\frac{1}{4}$	131	0	19	$1\frac{1}{4}$
23	0	3	$4\frac{1}{4}$	60	0	8	9	96	0	14	0	132	0	19	3
24	0	3	6	61	0	8	$10\frac{3}{4}$	97	0	14	$1\frac{3}{4}$	133	0	19	$4\frac{3}{4}$
25	0	3	$7\frac{3}{4}$	62	0	9	$0\frac{1}{2}$	98	0	14	$3\frac{1}{2}$	134	0	19	$6\frac{1}{2}$
26	0	3	$9\frac{1}{2}$	63	0	9	$2\frac{1}{4}$	99	0	14	$5\frac{1}{4}$	135	0	19	$8\frac{1}{4}$
27	0	3	$11\frac{1}{4}$	64	0	9	4	100	0	14	7	136	0	19	10
28	0	4	1	65	0	9	$5\frac{3}{4}$	101	0	14	$8\frac{3}{4}$	137	0	19	$11\frac{3}{4}$
29	0	4	$2\frac{3}{4}$	66	0	9	$7\frac{1}{2}$	102	0	14	$10\frac{1}{2}$	138	1	0	$1\frac{1}{2}$
30	0	4	$4\frac{1}{2}$	67	0	9	$9\frac{1}{4}$	103	0	15	$0\frac{1}{4}$	139	1	0	$3\frac{1}{4}$
31	0	4	$6\frac{1}{4}$	68	0	9	11	104	0	15	2	140	1	0	5
32	0	4	8	69	0	10	$0\frac{3}{4}$	105	0	15	$3\frac{3}{4}$	141	1	0	$6\frac{3}{4}$
33	0	4	$9\frac{3}{4}$	70	0	10	$2\frac{1}{2}$	106	0	15	$5\frac{1}{2}$	142	1	0	$8\frac{1}{2}$
34	0	4	$11\frac{1}{2}$												

At Twopence per Hour.

2d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	0½	35	0	5	10	71	0	11	10	107	0	17	10
½	0	0	1	36	0	6	0	72	0	12	0	108	0	18	0
¾	0	0	1½	37	0	6	2	73	0	12	2	109	0	18	2
1	0	0	2	38	0	6	4	74	0	12	4	110	0	18	4
2	0	0	4	39	0	6	6	75	0	12	6	111	0	18	6
3	0	0	6	40	0	6	8	76	0	12	8	112	0	18	8
4	0	0	8	41	0	6	10	77	0	12	10	113	0	18	10
5	0	0	10	42	0	7	0	78	0	13	0	114	0	19	0
6	0	1	0	43	0	7	2	79	0	13	2	115	0	19	2
7	0	1	2	44	0	7	4	80	0	13	4	116	0	19	4
8	0	1	4	45	0	7	6	81	0	13	6	117	0	19	6
9	0	1	6	46	0	7	8	82	0	13	8	118	0	19	8
10	0	1	8	47	0	7	10	83	0	13	10	119	0	19	10
11	0	1	10	48	0	8	0	84	0	14	0	120	1	0	0
12	0	2	0	49	0	8	2	85	0	14	2	121	1	0	2
13	0	2	2	50	0	8	4	86	0	14	4	122	1	0	4
14	0	2	4	51	0	8	6	87	0	14	6	123	1	0	6
15	0	2	6	52	0	8	8	88	0	14	8	124	1	0	8
16	0	2	8	53	0	8	10	89	0	14	10	125	1	0	10
17	0	2	10	54	0	9	0	90	0	15	0	126	1	1	0
18	0	3	0	55	0	9	2	91	0	15	2	127	1	1	2
19	0	3	2	56	0	9	4	92	0	15	4	128	1	1	4
20	0	3	4	57	0	9	6	93	0	15	6	129	1	1	6
21	0	3	6	58	0	9	8	94	0	15	8	130	1	1	8
22	0	3	8	59	0	9	10	95	0	15	10	131	1	1	10
23	0	3	10	60	0	10	0	96	0	16	0	132	1	2	0
24	0	4	0	61	0	10	2	97	0	16	2	133	1	2	2
25	0	4	2	62	0	10	4	98	0	16	4	134	1	2	4
26	0	4	4	63	0	10	6	99	0	16	6	135	1	2	6
27	0	4	6	64	0	10	8	100	0	16	8	136	1	2	8
28	0	4	8	65	0	10	10	101	0	16	10	137	1	2	10
29	0	4	10	66	0	11	0	102	0	17	0	138	1	3	0
30	0	5	0	67	0	11	2	103	0	17	2	139	1	3	2
31	0	5	2	68	0	11	4	104	0	17	4	140	1	3	4
32	0	5	4	69	0	11	6	105	0	17	6	141	1	3	6
33	0	5	6	70	0	11	8	106	0	17	8	142	1	3	8
34	0	5	8												

At Twopence Farthing per Hour.

$2\frac{1}{4}$d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
$\frac{1}{4}$	0	0	$0\frac{1}{2}$	35	0	6	$6\frac{3}{4}$	71	0	13	$3\frac{3}{4}$	107	1	0	$0\frac{3}{4}$
$\frac{1}{2}$	0	0	1	36	0	6	9	72	0	13	6	108	1	0	3
$\frac{3}{4}$	0	0	$1\frac{1}{2}$	37	0	6	$11\frac{1}{4}$	73	0	13	$8\frac{1}{4}$	109	1	0	$5\frac{1}{4}$
1	0	0	$2\frac{1}{4}$	38	0	7	$1\frac{1}{2}$	74	0	13	$10\frac{1}{2}$	110	1	0	$7\frac{1}{2}$
2	0	0	$4\frac{1}{2}$	39	0	7	$3\frac{3}{4}$	75	0	14	$0\frac{3}{4}$	111	1	0	$9\frac{3}{4}$
3	0	0	$6\frac{3}{4}$	40	0	7	6	76	0	14	3	112	1	1	0
4	0	0	9	41	0	7	$8\frac{1}{4}$	77	0	14	$5\frac{1}{4}$	113	1	1	$2\frac{1}{4}$
5	0	0	$11\frac{1}{4}$	42	0	7	$10\frac{1}{2}$	78	0	14	$7\frac{1}{2}$	114	1	1	$4\frac{1}{2}$
6	0	1	$1\frac{1}{2}$	43	0	8	$0\frac{3}{4}$	79	0	14	$9\frac{3}{4}$	115	1	1	$6\frac{3}{4}$
7	0	1	$3\frac{3}{4}$	44	0	8	3	80	0	15	0	116	1	1	9
8	0	1	6	45	0	8	$5\frac{1}{4}$	81	0	15	$2\frac{1}{4}$	117	1	1	$11\frac{1}{4}$
9	0	1	$8\frac{1}{4}$	46	0	8	$7\frac{1}{2}$	82	0	15	$4\frac{1}{2}$	118	1	2	$1\frac{1}{2}$
10	0	1	$10\frac{1}{2}$	47	0	8	$9\frac{3}{4}$	83	0	15	$6\frac{3}{4}$	119	1	2	$3\frac{3}{4}$
11	0	2	$0\frac{3}{4}$	48	0	9	0	84	0	15	9	120	1	2	6
12	0	2	3	49	0	9	$2\frac{1}{4}$	85	0	15	$11\frac{1}{4}$	121	1	2	$8\frac{1}{4}$
13	0	2	$5\frac{1}{4}$	50	0	9	$4\frac{1}{2}$	86	0	16	$1\frac{1}{2}$	122	1	2	$10\frac{1}{2}$
14	0	2	$7\frac{1}{2}$	51	0	9	$6\frac{3}{4}$	87	0	16	$3\frac{3}{4}$	123	1	3	$0\frac{3}{4}$
15	0	2	$9\frac{3}{4}$	52	0	9	9	88	0	16	6	124	1	3	3
16	0	3	0	53	0	9	$11\frac{1}{4}$	89	0	16	$8\frac{1}{4}$	125	1	3	$5\frac{1}{4}$
17	0	3	$2\frac{1}{4}$	54	0	10	$1\frac{1}{2}$	90	0	16	$10\frac{1}{2}$	126	1	3	$7\frac{1}{2}$
18	0	3	$4\frac{1}{2}$	55	0	10	$3\frac{3}{4}$	91	0	17	$0\frac{3}{4}$	127	1	3	$9\frac{3}{4}$
19	0	3	$6\frac{3}{4}$	56	0	10	6	92	0	17	3	128	1	4	0
20	0	3	9	57	0	10	$8\frac{1}{4}$	93	0	17	$5\frac{1}{4}$	129	1	4	$2\frac{1}{4}$
21	0	3	$11\frac{1}{4}$	58	0	10	$10\frac{1}{2}$	94	0	17	$7\frac{1}{2}$	130	1	4	$4\frac{1}{2}$
22	0	4	$1\frac{1}{2}$	59	0	11	$0\frac{3}{4}$	95	0	17	$9\frac{3}{4}$	131	1	4	$6\frac{3}{4}$
23	0	4	$3\frac{3}{4}$	60	0	11	3	96	0	18	0	132	1	4	9
24	0	4	6	61	0	11	$5\frac{1}{4}$	97	0	18	$2\frac{1}{4}$	133	1	4	$11\frac{1}{4}$
25	0	4	$8\frac{1}{4}$	62	0	11	$7\frac{1}{2}$	98	0	18	$4\frac{1}{2}$	134	1	5	$1\frac{1}{2}$
26	0	4	$10\frac{1}{2}$	63	0	11	$9\frac{3}{4}$	99	0	18	$6\frac{3}{4}$	135	1	5	$3\frac{3}{4}$
27	0	5	$0\frac{3}{4}$	64	0	12	0	100	0	18	9	136	1	5	6
28	0	5	3	65	0	12	$2\frac{1}{4}$	101	0	18	$11\frac{1}{4}$	137	1	5	$8\frac{1}{4}$
29	0	5	$5\frac{1}{4}$	66	0	12	$4\frac{1}{2}$	102	0	19	$1\frac{1}{2}$	138	1	5	$10\frac{1}{2}$
30	0	5	$7\frac{1}{2}$	67	0	12	$6\frac{3}{4}$	103	0	19	$3\frac{3}{4}$	139	1	6	$0\frac{3}{4}$
31	0	5	$9\frac{3}{4}$	68	0	12	9	104	0	19	6	140	1	6	3
32	0	6	0	69	0	12	$11\frac{1}{4}$	105	0	19	$8\frac{1}{4}$	141	1	6	$5\frac{1}{4}$
33	0	6	$2\frac{1}{4}$	70	0	13	$1\frac{1}{2}$	106	0	19	$10\frac{1}{2}$	142	1	6	$7\frac{1}{2}$
34	0	6	$4\frac{1}{2}$												

At Twopence-Halfpenny per Hour.

$2\frac{1}{2}$d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
$\frac{1}{4}$	0	0	$0\frac{1}{2}$	35	0	7	$3\frac{1}{2}$	71	0	14	$9\frac{1}{2}$	107	1	2	$3\frac{1}{2}$
$\frac{1}{2}$	0	0	$1\frac{1}{4}$	36	0	7	6	72	0	15	0	108	1	2	6
$\frac{3}{4}$	0	0	$1\frac{3}{4}$	37	0	7	$8\frac{1}{2}$	73	0	15	$2\frac{1}{2}$	109	1	2	$8\frac{1}{2}$
1	0	0	$2\frac{1}{2}$	38	0	7	11	74	0	15	5	110	1	2	11
2	0	0	5	39	0	8	$1\frac{1}{2}$	75	0	15	$7\frac{1}{2}$	111	1	3	$1\frac{1}{2}$
3	0	0	$7\frac{1}{2}$	40	0	8	4	76	0	15	10	112	1	3	4
4	0	0	10	41	0	8	$6\frac{1}{2}$	77	0	16	$0\frac{1}{2}$	113	1	3	$6\frac{1}{2}$
5	0	1	$0\frac{1}{2}$	42	0	8	9	78	0	16	3	114	1	3	9
6	0	1	3	43	0	8	$11\frac{1}{2}$	79	0	16	$5\frac{1}{2}$	115	1	3	$11\frac{1}{2}$
7	0	1	$5\frac{1}{2}$	44	0	9	2	80	0	16	8	116	1	4	2
8	0	1	8	45	0	9	$4\frac{1}{2}$	81	0	16	$10\frac{1}{2}$	117	1	4	$4\frac{1}{2}$
9	0	1	$10\frac{1}{2}$	46	0	9	7	82	0	17	1	118	1	4	7
10	0	2	1	47	0	9	$9\frac{1}{2}$	83	0	17	$3\frac{1}{2}$	119	1	4	$9\frac{1}{2}$
11	0	2	$3\frac{1}{2}$	48	0	10	0	84	0	17	6	120	1	5	0
12	0	2	6	49	0	10	$2\frac{1}{2}$	85	0	17	$8\frac{1}{2}$	121	1	5	$2\frac{1}{2}$
13	0	2	$8\frac{1}{2}$	50	0	10	5	86	0	17	11	122	1	5	5
14	0	2	11	51	0	10	$7\frac{1}{2}$	87	0	18	$1\frac{1}{2}$	123	1	5	$7\frac{1}{2}$
15	0	3	$1\frac{1}{2}$	52	0	10	10	88	0	18	4	124	1	5	10
16	0	3	4	53	0	11	$0\frac{1}{2}$	89	0	18	$6\frac{1}{2}$	125	1	6	$0\frac{1}{2}$
17	0	3	$6\frac{1}{2}$	54	0	11	3	90	0	18	9	126	1	6	3
18	0	3	9	55	0	11	$5\frac{1}{2}$	91	0	18	$11\frac{1}{2}$	127	1	6	$5\frac{1}{2}$
19	0	3	$11\frac{1}{2}$	56	0	11	8	92	0	19	2	128	1	6	8
20	0	4	2	57	0	11	$10\frac{1}{2}$	93	0	19	$4\frac{1}{2}$	129	1	6	$10\frac{1}{2}$
21	0	4	$4\frac{1}{2}$	58	0	12	1	94	0	19	7	130	1	7	1
22	0	4	7	59	0	12	$3\frac{1}{2}$	95	0	19	$9\frac{1}{2}$	131	1	7	$3\frac{1}{2}$
23	0	4	$9\frac{1}{2}$	60	0	12	6	96	1	0	0	132	1	7	6
24	0	5	0	61	0	12	$8\frac{1}{2}$	97	1	0	$2\frac{1}{2}$	133	1	7	$8\frac{1}{2}$
25	0	5	$2\frac{1}{2}$	62	0	12	11	98	1	0	5	134	1	7	11
26	0	5	5	63	0	13	$1\frac{1}{2}$	99	1	0	$7\frac{1}{2}$	135	1	8	$1\frac{1}{2}$
27	0	5	$7\frac{1}{2}$	64	0	13	4	100	1	0	10	136	1	8	4
28	0	5	10	65	0	13	$6\frac{1}{2}$	101	1	1	$0\frac{1}{2}$	137	1	8	$6\frac{1}{2}$
29	0	6	$0\frac{1}{2}$	66	0	13	9	102	1	1	3	138	1	8	9
30	0	6	3	67	0	13	$11\frac{1}{2}$	103	1	1	$5\frac{1}{2}$	139	1	8	$11\frac{1}{2}$
31	0	6	$5\frac{1}{2}$	68	0	14	2	104	1	1	8	140	1	9	2
32	0	6	8	69	0	14	$4\frac{1}{2}$	105	1	1	$10\frac{1}{2}$	141	1	9	$4\frac{1}{2}$
33	0	6	$10\frac{1}{2}$	70	0	14	7	106	1	2	1	142	1	9	7
34	0	7	1												

At Twopence Three Farthings per Hour.

$2\frac{3}{4}$d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
$\frac{1}{4}$	0	0	$0\frac{3}{4}$	35	0	8	$0\frac{1}{4}$	71	0	16	$3\frac{1}{4}$	107	1	4	$6\frac{1}{4}$
$\frac{1}{2}$	0	0	$1\frac{1}{4}$	36	0	8	3	72	0	16	6	108	1	4	9
$\frac{3}{4}$	0	0	2	37	0	8	$5\frac{3}{4}$	73	0	16	$8\frac{3}{4}$	109	1	4	$11\frac{3}{4}$
1	0	0	$2\frac{3}{4}$	38	0	8	$8\frac{1}{2}$	74	0	16	$11\frac{1}{2}$	110	1	5	$2\frac{1}{2}$
2	0	0	$5\frac{1}{2}$	39	0	8	$11\frac{1}{4}$	75	0	17	$2\frac{1}{4}$	111	1	5	$5\frac{1}{4}$
3	0	0	$8\frac{1}{4}$	40	0	9	2	76	0	17	5	112	1	5	8
4	0	0	11	41	0	9	$4\frac{3}{4}$	77	0	17	$7\frac{3}{4}$	113	1	5	$10\frac{3}{4}$
5	0	1	$1\frac{3}{4}$	42	0	9	$7\frac{1}{2}$	78	0	17	$10\frac{1}{2}$	114	1	6	$1\frac{1}{2}$
6	0	1	$4\frac{1}{2}$	43	0	9	$10\frac{1}{4}$	79	0	18	$1\frac{1}{4}$	115	1	6	$4\frac{1}{4}$
7	0	1	$7\frac{1}{4}$	44	0	10	1	80	0	18	4	116	1	6	7
8	0	1	10	45	0	10	$3\frac{3}{4}$	81	0	18	$6\frac{3}{4}$	117	1	6	$9\frac{3}{4}$
9	0	2	$0\frac{3}{4}$	46	0	10	$6\frac{1}{2}$	82	0	18	$9\frac{1}{2}$	118	1	7	$0\frac{1}{2}$
10	0	2	$3\frac{1}{2}$	47	0	10	$9\frac{1}{4}$	83	0	19	$0\frac{1}{4}$	119	1	7	$3\frac{3}{4}$
11	0	2	$6\frac{1}{4}$	48	0	11	0	84	0	19	3	120	1	7	6
12	0	2	9	49	0	11	$2\frac{3}{4}$	85	0	19	$5\frac{3}{4}$	121	1	7	$8\frac{3}{4}$
13	0	2	$11\frac{3}{4}$	50	0	11	$5\frac{1}{2}$	86	0	19	$8\frac{1}{2}$	122	1	7	$10\frac{1}{2}$
14	0	3	$2\frac{1}{2}$	51	0	11	$8\frac{1}{4}$	87	0	19	$11\frac{1}{4}$	123	1	8	$2\frac{1}{4}$
15	0	3	$5\frac{1}{4}$	52	0	11	11	88	1	0	2	124	1	8	5
16	0	3	8	53	0	12	$1\frac{3}{4}$	89	1	0	$4\frac{3}{4}$	125	1	8	$7\frac{3}{4}$
17	0	3	$10\frac{3}{4}$	54	0	12	$4\frac{1}{2}$	90	1	0	$7\frac{1}{2}$	126	1	8	$10\frac{1}{2}$
18	0	4	$1\frac{1}{2}$	55	0	12	$7\frac{1}{4}$	91	1	0	$10\frac{1}{4}$	127	1	9	$1\frac{1}{4}$
19	0	4	$4\frac{1}{4}$	56	0	12	10	92	1	1	1	128	1	9	4
20	0	4	7	57	0	13	$0\frac{3}{4}$	93	1	1	$3\frac{3}{4}$	129	1	9	$6\frac{3}{4}$
21	0	4	$9\frac{3}{4}$	58	0	13	$3\frac{1}{2}$	94	1	1	$6\frac{1}{2}$	130	1	9	$9\frac{1}{2}$
22	0	5	$0\frac{1}{2}$	59	0	13	$6\frac{1}{4}$	95	1	1	$9\frac{1}{4}$	131	1	10	$0\frac{1}{4}$
23	0	5	$3\frac{1}{4}$	60	0	13	9	96	1	2	0	132	1	10	3
24	0	5	6	61	0	13	$11\frac{3}{4}$	97	1	2	$2\frac{3}{4}$	133	1	10	$5\frac{3}{4}$
25	0	5	$8\frac{3}{4}$	62	0	14	$2\frac{1}{2}$	98	1	2	$5\frac{1}{2}$	134	1	10	$8\frac{1}{2}$
26	0	5	$11\frac{1}{2}$	63	0	14	$5\frac{1}{4}$	99	1	2	$8\frac{1}{4}$	135	1	10	$11\frac{1}{4}$
27	0	6	$2\frac{1}{4}$	64	0	14	8	100	1	2	11	136	1	11	2
28	0	6	5	65	0	14	$10\frac{3}{4}$	101	1	3	$1\frac{3}{4}$	137	1	11	$4\frac{3}{4}$
29	0	6	$7\frac{3}{4}$	66	0	15	$1\frac{1}{2}$	102	1	3	$4\frac{1}{2}$	138	1	11	$7\frac{1}{2}$
30	0	6	$10\frac{1}{2}$	67	0	15	$4\frac{1}{4}$	103	1	3	$7\frac{1}{4}$	139	1	11	$10\frac{1}{4}$
31	0	7	$1\frac{1}{4}$	68	0	15	7	104	1	3	10	140	1	12	1
32	0	7	4	69	0	15	$9\frac{3}{4}$	105	1	4	$0\frac{3}{4}$	141	1	12	$3\frac{3}{4}$
33	0	7	$6\frac{3}{4}$	70	0	16	$0\frac{1}{2}$	106	1	4	$3\frac{1}{2}$	142	1	12	$6\frac{1}{2}$
34	0	7	$9\frac{1}{2}$												

At Threepence per Hour.

3d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
$\frac{1}{4}$	0	0	$0\frac{3}{4}$	35	0	8	9	71	0	17	9	107	1	6	9
$\frac{1}{2}$	0	0	$1\frac{1}{2}$	36	0	9	0	72	0	18	0	108	1	7	0
$\frac{3}{4}$	0	0	$2\frac{1}{4}$	37	0	9	3	73	0	18	3	109	1	7	3
1	0	0	3	38	0	9	6	74	0	18	6	110	1	7	6
2	0	0	6	39	0	9	9	75	0	18	9	111	1	7	9
3	0	0	9	40	0	10	0	76	0	19	0	112	1	8	0
4	0	1	0	41	0	10	3	77	0	19	3	113	1	8	3
5	0	1	3	42	0	10	6	78	0	19	6	114	1	8	6
6	0	1	6	43	0	10	9	79	0	19	9	115	1	8	9
7	0	1	9	44	0	11	0	80	1	0	0	116	1	9	0
8	0	2	0	45	0	11	3	81	1	0	3	117	1	9	3
9	0	2	3	46	0	11	6	82	1	0	6	118	1	9	6
10	0	2	6	47	0	11	9	83	1	0	9	119	1	9	9
11	0	2	9	48	0	12	0	84	1	1	0	120	1	10	0
12	0	3	0	49	0	12	3	85	1	1	3	121	1	10	3
13	0	3	3	50	0	12	6	86	1	1	6	122	1	10	6
14	0	3	6	51	0	12	9	87	1	1	9	123	1	10	9
15	0	3	9	52	0	13	0	88	1	2	0	124	1	11	0
16	0	4	0	53	0	13	3	89	1	2	3	125	1	11	3
17	0	4	3	54	0	13	6	90	1	2	6	126	1	11	6
18	0	4	6	55	0	13	9	91	1	2	9	127	1	11	9
19	0	4	9	56	0	14	0	92	1	3	0	128	1	12	0
20	0	5	0	57	0	14	3	93	1	3	3	129	1	12	3
21	0	5	3	58	0	14	6	94	1	3	6	130	1	12	6
22	0	5	6	59	0	14	9	95	1	3	9	131	1	12	9
23	0	5	9	60	0	15	0	96	1	4	0	132	1	13	0
24	0	6	0	61	0	15	3	97	1	4	3	133	1	13	3
25	0	6	3	62	0	15	6	98	1	4	6	134	1	13	6
26	0	6	6	63	0	15	9	99	1	4	9	135	1	13	9
27	0	6	9	64	0	16	0	100	1	5	0	136	1	14	0
28	0	7	0	65	0	16	3	101	1	5	3	137	1	14	3
29	0	7	3	66	0	16	6	102	1	5	6	138	1	14	6
30	0	7	6	67	0	16	9	103	1	5	9	139	1	14	9
31	0	7	9	68	0	17	0	104	1	6	0	140	1	15	0
32	0	8	0	69	0	17	3	105	1	6	3	141	1	15	3
33	0	8	3	70	0	17	6	106	1	6	6	142	1	15	6
34	0	8	6												

At Threepence Farthing per Hour.

$3\frac{1}{4}$d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
$\frac{1}{4}$	0	0	$0\frac{3}{4}$	35	0	9	$5\frac{3}{4}$	71	0	19	$2\frac{3}{4}$	107	1	8	$11\frac{3}{4}$
$\frac{1}{2}$	0	0	$1\frac{1}{2}$	36	0	9	9	72	0	19	6	108	1	9	3
$\frac{3}{4}$	0	0	$2\frac{1}{4}$	37	0	10	$0\frac{1}{4}$	73	0	19	$9\frac{1}{4}$	109	1	9	$6\frac{1}{4}$
1	0	0	$3\frac{1}{4}$	38	0	10	$3\frac{1}{2}$	74	1	0	$0\frac{1}{2}$	110	1	9	$9\frac{1}{2}$
2	0	0	$6\frac{1}{2}$	39	0	10	$6\frac{3}{4}$	75	1	0	$3\frac{3}{4}$	111	1	10	$0\frac{3}{4}$
3	0	0	$9\frac{3}{4}$	40	0	10	10	76	1	0	7	112	1	10	4
4	0	1	1	41	0	11	$1\frac{1}{4}$	77	1	0	$10\frac{1}{2}$	113	1	10	$7\frac{1}{4}$
5	0	1	$4\frac{1}{4}$	42	0	11	$4\frac{1}{2}$	78	1	1	$1\frac{1}{2}$	114	1	10	$10\frac{1}{2}$
6	0	1	$7\frac{1}{2}$	43	0	11	$7\frac{3}{4}$	79	1	1	$4\frac{3}{4}$	115	1	11	$1\frac{3}{4}$
7	0	1	$10\frac{3}{4}$	44	0	11	11	80	1	1	8	116	1	11	5
8	0	2	2	45	0	12	$2\frac{1}{4}$	81	1	1	$11\frac{1}{4}$	117	1	11	$8\frac{1}{4}$
9	0	2	$5\frac{1}{4}$	46	0	12	$5\frac{1}{2}$	82	1	2	$2\frac{1}{2}$	118	1	11	$11\frac{1}{2}$
10	0	2	$8\frac{1}{2}$	47	0	12	$8\frac{3}{4}$	83	1	2	$5\frac{3}{4}$	119	1	12	$2\frac{3}{4}$
11	0	2	$11\frac{3}{4}$	48	0	13	0	84	1	2	9	120	1	12	6
12	0	3	3	49	0	13	$3\frac{1}{4}$	85	1	3	$0\frac{1}{4}$	121	1	12	$9\frac{1}{4}$
13	0	3	$6\frac{1}{4}$	50	0	13	$6\frac{1}{2}$	86	1	3	$3\frac{1}{2}$	122	1	13	$0\frac{1}{2}$
14	0	3	$9\frac{1}{2}$	51	0	13	$9\frac{3}{4}$	87	1	3	$6\frac{3}{4}$	123	1	13	$3\frac{3}{4}$
15	0	4	$0\frac{3}{4}$	52	0	14	1	88	1	3	10	124	1	13	7
16	0	4	4	53	0	14	$4\frac{1}{4}$	89	1	4	$1\frac{1}{4}$	125	1	13	$10\frac{1}{4}$
17	0	4	$7\frac{1}{4}$	54	0	14	$7\frac{1}{2}$	90	1	4	$4\frac{1}{2}$	126	1	14	$1\frac{1}{2}$
18	0	4	$10\frac{1}{2}$	55	0	14	$10\frac{3}{4}$	91	1	4	$7\frac{3}{4}$	127	1	14	$4\frac{3}{4}$
19	0	5	$1\frac{3}{4}$	56	0	15	2	92	1	4	11	128	1	14	8
20	0	5	5	57	0	15	$5\frac{1}{4}$	93	1	5	$2\frac{1}{4}$	129	1	14	$11\frac{1}{4}$
21	0	5	$8\frac{1}{4}$	58	0	15	$8\frac{1}{2}$	94	1	5	$5\frac{1}{2}$	130	1	15	$2\frac{1}{2}$
22	0	5	$11\frac{1}{2}$	59	0	15	$11\frac{3}{4}$	95	1	5	$8\frac{3}{4}$	131	1	15	$5\frac{3}{4}$
23	0	6	$2\frac{3}{4}$	60	0	16	3	96	1	6	0	132	1	15	9
24	0	6	6	61	0	16	$6\frac{1}{4}$	97	1	6	$3\frac{1}{4}$	133	1	16	$0\frac{1}{4}$
25	0	6	$9\frac{1}{4}$	62	0	16	$9\frac{1}{2}$	98	1	6	$6\frac{1}{2}$	134	1	16	$3\frac{1}{2}$
26	0	7	$0\frac{1}{2}$	63	0	17	$0\frac{3}{4}$	99	1	6	$9\frac{3}{4}$	135	1	16	$6\frac{3}{4}$
27	0	7	$3\frac{3}{4}$	64	0	17	4	100	1	7	1	136	1	16	10
28	0	7	7	65	0	17	$7\frac{1}{4}$	101	1	7	$4\frac{1}{4}$	137	1	17	$1\frac{1}{4}$
29	0	7	$10\frac{1}{4}$	66	0	17	$10\frac{1}{2}$	102	1	7	$7\frac{1}{2}$	138	1	17	$4\frac{1}{2}$
30	0	8	$1\frac{1}{2}$	67	0	18	$1\frac{3}{4}$	103	1	7	$10\frac{3}{4}$	139	1	17	$7\frac{3}{4}$
31	0	8	$4\frac{3}{4}$	68	0	18	5	104	1	8	2	140	1	17	11
32	0	8	8	69	0	18	$8\frac{1}{4}$	105	1	8	$5\frac{1}{4}$	141	1	18	$2\frac{1}{4}$
33	0	8	$11\frac{1}{4}$	70	0	18	$11\frac{1}{2}$	106	1	8	$8\frac{1}{2}$	142	1	18	$5\frac{1}{2}$
34	0	9	$2\frac{1}{2}$												

At Threepence Halfpenny per Hour.

3½d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	0¾	35	0	10	2½	71	1	0	8½	107	1	11	2½
½	0	0	1¾	36	0	10	6	72	1	1	0	108	1	11	6
¾	0	0	2½	37	0	10	9½	73	1	1	3½	109	1	11	9½
1	0	0	3½	38	0	11	1	74	1	1	7	110	1	12	1
2	0	0	7	39	0	11	4½	75	1	1	10½	111	1	12	4½
3	0	0	10½	40	0	11	8	76	1	2	2	112	1	12	8
4	0	1	2	41	0	11	11½	77	1	2	5½	113	1	12	11½
5	0	1	5½	42	0	12	3	78	1	2	9	114	1	13	3
6	0	1	9	43	0	12	6½	79	1	3	0½	115	1	13	6½
7	0	2	0½	44	0	12	10	80	1	3	4	116	1	13	10
8	0	2	4	45	0	13	1½	81	1	3	7½	117	1	14	1½
9	0	2	7½	46	0	13	5	82	1	3	11	118	1	14	5
10	0	2	11	47	0	13	8½	83	1	4	2½	119	1	14	8½
11	0	3	2½	48	0	14	0	84	1	4	6	120	1	15	0
12	0	3	6	49	0	14	3½	85	1	4	9½	121	1	15	3½
13	0	3	9½	50	0	14	7	86	1	5	1	122	1	15	7
14	0	4	1	51	0	14	10½	87	1	5	4½	123	1	15	10½
15	0	4	4½	52	0	15	2	88	1	5	8	124	1	16	2
16	0	4	8	53	0	15	5½	89	1	5	11½	125	1	16	5½
17	0	4	11½	54	0	15	9	90	1	6	3	126	1	16	9
18	0	5	3	55	0	16	0½	91	1	6	6½	127	1	17	0½
19	0	5	6½	56	0	16	4	92	1	6	10	128	1	17	4
20	0	5	10	57	0	16	7½	93	1	7	1½	129	1	17	7½
21	0	6	1½	58	0	16	11	94	1	7	5	130	1	17	11
22	0	6	5	59	0	17	2½	95	1	7	8½	131	1	18	2½
23	0	6	8½	60	0	17	6	96	1	8	0	132	1	18	6
24	0	7	0	61	0	17	9½	97	1	8	3½	133	1	18	9½
25	0	7	3½	62	0	18	1	98	1	8	7	134	1	19	1
26	0	7	7	63	0	18	4½	99	1	8	10½	135	1	19	4½
27	0	7	10½	64	0	18	8	100	1	9	2	136	1	19	8
28	0	8	2	65	0	18	11½	101	1	9	5½	137	1	19	11½
29	0	8	5½	66	0	19	3	102	1	9	9	138	2	0	3
30	0	8	9	67	0	19	6½	103	1	10	0½	139	2	0	6½
31	0	9	0½	68	0	19	10	104	1	10	4	140	2	0	10
32	0	9	4	69	1	0	1½	105	1	10	7½	141	2	1	1½
33	0	9	7½	70	1	0	5	106	1	10	11	142	2	1	5
34	0	9	11												

At Threepence Three Farthings per Hour.

3¾d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	1	35	0	10	11¼	71	1	2	2¼	107	1	13	5¼
½	0	0	1¾	36	0	11	3	72	1	2	6	108	1	13	9
¾	0	0	2¾	37	0	11	6¾	73	1	2	9¾	109	1	14	0¾
1	0	0	3¾	38	0	11	10½	74	1	3	1½	110	1	14	4½
2	0	0	7½	39	0	12	2¼	75	1	3	5¼	111	1	14	8¼
3	0	0	11¼	40	0	12	6	76	1	3	9	112	1	15	0
4	0	1	3	41	0	12	9¾	77	1	4	0¾	113	1	15	3¾
5	0	1	6¾	42	0	13	1½	78	1	4	4½	114	1	15	7½
6	0	1	10½	43	0	13	5¼	79	1	4	8¼	115	1	15	11¼
7	0	2	2¼	44	0	13	9	80	1	5	0	116	1	16	3
8	0	2	6	45	0	14	0¾	81	1	5	3¾	117	1	16	6¾
9	0	2	9¾	46	0	14	4½	82	1	5	7½	118	1	16	10½
10	0	3	1½	47	0	14	8¼	83	1	5	11¼	119	1	17	2¼
11	0	3	5¼	48	0	15	0	84	1	6	3	120	1	17	6
12	0	3	9	49	0	15	3¾	85	1	6	6¾	121	1	17	9¾
13	0	4	0¾	50	0	15	7½	86	1	6	10½	122	1	18	1½
14	0	4	4½	51	0	15	11¼	87	1	7	2¼	123	1	18	5¼
15	0	4	8¼	52	0	16	3	88	1	7	6	124	1	18	9
16	0	5	0	53	0	16	6¾	89	1	7	9¾	125	1	19	0¾
17	0	5	3¾	54	0	16	10½	90	1	8	1½	126	1	19	4½
18	0	5	7½	55	0	17	2¼	91	1	8	5¼	127	1	19	8¼
19	0	5	11¼	56	0	17	6	92	1	8	9	128	2	0	0
20	0	6	3	57	0	17	9¾	93	1	9	0¾	129	2	0	3¾
21	0	6	6¾	58	0	18	1½	94	1	9	4½	130	2	0	7½
22	0	6	10½	59	0	18	5¼	95	1	9	8¼	131	2	0	11¼
23	0	7	2¼	60	0	18	9	96	1	10	0	132	2	1	3
24	0	7	6	61	0	19	0¾	97	1	10	3¾	133	2	1	6¾
25	0	7	9¾	62	0	19	4½	98	1	10	7½	134	2	1	10½
26	0	8	1½	63	0	19	8¼	99	1	10	11¼	135	2	2	2¼
27	0	8	5¼	64	1	0	0	100	1	11	3	136	2	2	6
28	0	8	9	65	1	0	3¾	101	1	11	6¾	137	2	2	9¾
29	0	9	0¾	66	1	0	7½	102	1	11	10½	138	2	3	1½
30	0	9	4½	67	1	0	11¼	103	1	12	2¼	139	2	3	5¼
31	0	9	8¼	68	1	1	3	104	1	12	6	140	2	3	9
32	0	10	0	69	1	1	6¾	105	1	12	9¾	141	2	4	0¾
33	0	10	3¾	70	1	1	10½	106	1	13	1½	142	2	4	4½
34	0	10	7½												

At Fourpence per Hour.

4d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d	Hrs.	£	s.	d.
¼	0	0	1	35	0	11	8	71	1	3	8	107	1	15	8
½	6	0	2	36	0	12	0	72	1	4	0	108	1	16	0
¾	0	0	3	37	0	12	4	73	1	4	4	109	1	16	4
1	0	0	4	38	0	12	8	74	1	4	8	110	1	16	8
2	0	0	8	39	0	13	0	75	1	5	0	111	1	17	0
3	0	1	0	40	0	13	4	76	1	5	4	112	1	17	4
4	0	1	4	41	0	13	8	77	1	5	8	113	1	17	8
5	0	1	8	42	0	14	0	78	1	6	0	114	1	18	0
6	0	2	0	43	0	14	4	79	1	6	4	115	1	18	4
7	0	2	4	44	0	14	8	80	1	6	8	116	1	18	8
8	0	2	8	45	0	15	0	81	1	7	0	117	1	19	0
9	0	3	0	46	0	15	4	82	1	7	4	118	1	19	4
10	0	3	4	47	0	15	8	83	1	7	8	119	1	19	8
11	0	3	8	48	0	16	0	84	1	8	0	120	2	0	0
12	0	4	0	49	0	16	4	85	1	8	4	121	2	0	4
13	0	4	4	50	0	16	8	86	1	8	8	122	2	0	8
14	0	4	8	51	0	17	0	87	1	9	0	123	2	1	0
15	0	5	0	52	0	17	4	88	1	9	4	124	2	1	4
16	0	5	4	53	0	17	8	89	1	9	8	125	2	1	8
17	0	5	8	54	0	18	0	90	1	10	0	126	2	2	0
18	0	6	0	55	0	18	4	91	1	10	4	127	2	2	4
19	0	6	4	56	0	18	8	92	1	10	8	128	2	2	8
20	0	6	8	57	0	19	0	93	1	11	0	129	2	3	0
21	0	7	0	58	0	19	4	94	1	11	4	130	2	3	4
22	0	7	4	59	0	19	8	95	1	11	8	131	2	3	8
23	0	7	8	60	1	0	0	96	1	12	0	132	2	4	0
24	0	8	0	61	1	0	4	97	1	12	4	133	2	4	4
25	0	8	4	62	1	0	8	98	1	12	8	134	2	4	8
26	0	8	8	63	1	1	0	99	1	13	0	135	2	5	0
27	0	9	0	64	1	1	4	100	1	13	4	136	2	5	4
28	0	9	4	65	1	1	8	101	1	13	8	137	2	5	8
29	0	9	8	66	1	2	0	102	1	14	0	138	2	6	0
30	0	10	0	67	1	2	4	103	1	14	4	139	2	6	4
31	0	10	4	68	1	2	8	104	1	14	8	140	2	6	8
32	0	10	8	69	1	3	0	105	1	15	0	141	2	7	0
33	0	11	0	70	1	3	4	106	1	15	4	142	2	7	4
34	0	11	4												

At Fourpence Farthing per Hour.

$4\frac{1}{4}$d

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
$\frac{1}{4}$	0	0	1	35	0	12	$4\frac{3}{4}$	71	1	5	$1\frac{3}{4}$	107	1	17	$10\frac{3}{4}$
$\frac{1}{2}$	0	0	2	36	0	12	9	72	1	5	6	108	1	18	3
$\frac{3}{4}$	0	0	3	37	0	13	$1\frac{1}{4}$	73	1	5	$10\frac{1}{4}$	109	1	18	$7\frac{1}{4}$
1	0	0	$4\frac{1}{4}$	38	0	13	$5\frac{1}{2}$	74	1	6	$2\frac{1}{2}$	110	1	18	$11\frac{1}{2}$
2	0	0	$8\frac{1}{2}$	39	0	13	$9\frac{3}{4}$	75	1	6	$6\frac{3}{4}$	111	1	19	$3\frac{3}{4}$
3	0	1	$0\frac{3}{4}$	40	0	14	2	76	1	6	11	112	1	19	8
4	0	1	5	41	0	14	$6\frac{1}{4}$	77	1	7	$3\frac{1}{4}$	113	2	0	$0\frac{1}{4}$
5	0	1	$9\frac{1}{4}$	42	0	14	$10\frac{1}{2}$	78	1	7	$7\frac{1}{2}$	114	2	0	$4\frac{1}{2}$
6	0	2	$1\frac{1}{2}$	43	0	15	$2\frac{3}{4}$	79	1	7	$11\frac{3}{4}$	115	2	0	$8\frac{3}{4}$
7	0	2	$5\frac{3}{4}$	44	0	15	7	80	1	8	4	116	2	1	1
8	0	2	10	45	0	15	$11\frac{1}{4}$	81	1	8	$8\frac{1}{4}$	117	2	1	$5\frac{1}{4}$
9	0	3	$2\frac{1}{4}$	46	0	16	$3\frac{1}{2}$	82	1	9	$0\frac{1}{2}$	118	2	1	$9\frac{1}{2}$
10	0	3	$6\frac{1}{2}$	47	0	16	$7\frac{3}{4}$	83	1	9	$4\frac{3}{4}$	119	2	2	$1\frac{3}{4}$
11	0	3	$10\frac{3}{4}$	48	0	17	0	84	1	9	9	120	2	2	6
12	0	4	3	49	0	17	$4\frac{1}{4}$	85	1	10	$1\frac{1}{4}$	121	2	2	$10\frac{1}{4}$
13	0	4	$7\frac{1}{4}$	50	0	17	$8\frac{1}{2}$	86	1	10	$5\frac{1}{2}$	122	2	3	$2\frac{1}{2}$
14	0	4	$11\frac{1}{2}$	51	0	18	$0\frac{3}{4}$	87	1	10	$9\frac{3}{4}$	123	2	3	$6\frac{3}{4}$
15	0	5	$3\frac{3}{4}$	52	0	18	5	88	1	11	2	124	2	3	11
16	0	5	8	53	0	18	$9\frac{1}{4}$	89	1	11	$6\frac{1}{4}$	125	2	4	$3\frac{1}{4}$
17	0	6	$0\frac{1}{4}$	54	0	19	$1\frac{1}{2}$	90	1	11	$10\frac{1}{2}$	126	2	4	$7\frac{1}{2}$
18	0	6	$4\frac{1}{2}$	55	0	19	$5\frac{3}{4}$	91	1	12	$2\frac{3}{4}$	127	2	4	$11\frac{3}{4}$
19	0	6	$8\frac{3}{4}$	56	0	19	10	92	1	12	7	128	2	5	4
20	0	7	1	57	1	0	$2\frac{1}{4}$	93	1	12	$11\frac{1}{4}$	129	2	5	$8\frac{1}{4}$
21	0	7	$5\frac{1}{4}$	58	1	0	$6\frac{1}{2}$	94	1	13	$3\frac{1}{2}$	130	2	6	$0\frac{1}{2}$
22	0	7	$9\frac{1}{2}$	59	1	0	$10\frac{3}{4}$	95	1	13	$7\frac{3}{4}$	131	2	6	$4\frac{3}{4}$
23	0	8	$1\frac{3}{4}$	60	1	1	3	96	1	14	0	132	2	6	9
24	0	8	6	61	1	1	$7\frac{1}{4}$	97	1	14	$4\frac{1}{4}$	133	2	7	$1\frac{1}{4}$
25	0	8	$10\frac{1}{4}$	62	1	1	$11\frac{1}{2}$	98	1	14	$8\frac{1}{2}$	134	2	7	$5\frac{1}{2}$
26	0	9	$2\frac{1}{2}$	63	1	2	$3\frac{3}{4}$	99	1	15	$0\frac{3}{4}$	135	2	7	$9\frac{3}{4}$
27	0	9	$6\frac{3}{4}$	64	1	2	8	100	1	15	5	136	2	8	2
28	0	9	11	65	1	3	$0\frac{1}{4}$	101	1	15	$9\frac{1}{4}$	137	2	8	$6\frac{1}{4}$
29	0	10	$3\frac{1}{4}$	66	1	3	$4\frac{1}{2}$	102	1	16	$1\frac{1}{2}$	138	2	8	$10\frac{1}{2}$
30	0	10	$7\frac{1}{2}$	67	1	3	$8\frac{3}{4}$	103	1	16	$5\frac{3}{4}$	139	2	9	$2\frac{3}{4}$
31	0	10	$11\frac{3}{4}$	68	1	4	1	104	1	16	10	140	2	9	7
32	0	11	4	69	1	4	$5\frac{1}{4}$	105	1	17	$2\frac{1}{4}$	141	2	9	$11\frac{1}{4}$
33	0	11	$8\frac{1}{4}$	70	1	4	$9\frac{1}{2}$	106	1	17	$6\frac{1}{2}$	142	2	10	$3\frac{1}{2}$
34	0	12	$0\frac{1}{2}$												

At Fourpence Halfpenny per Hour.

$4\frac{1}{2}$d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
$\frac{1}{4}$	0	0	1	35	0	13	$1\frac{1}{2}$	71	1	6	$7\frac{1}{2}$	107	2	0	$1\frac{1}{2}$
$\frac{1}{2}$	0	0	$2\frac{1}{4}$	36	0	13	6	72	1	7	0	108	2	0	6
$\frac{3}{4}$	0	0	$3\frac{3}{4}$	37	0	13	$10\frac{1}{2}$	73	1	7	$4\frac{1}{2}$	109	2	3	$10\frac{1}{2}$
1	0	0	$4\frac{1}{2}$	38	0	14	3	74	1	7	9	110	2	1	3
2	0	0	9	39	0	14	$7\frac{1}{2}$	75	1	8	$1\frac{1}{2}$	111	2	1	$7\frac{1}{2}$
3	0	1	$1\frac{1}{2}$	40	0	15	0	76	1	8	6	112	2	2	0
4	0	1	6	41	0	15	$4\frac{1}{2}$	77	1	8	$10\frac{1}{2}$	113	2	2	$4\frac{1}{2}$
5	0	1	$10\frac{1}{2}$	42	0	15	9	78	1	9	3	114	2	2	9
6	0	2	3	43	0	16	$1\frac{1}{2}$	79	1	9	$7\frac{1}{2}$	115	2	3	$1\frac{1}{2}$
7	0	2	$7\frac{1}{2}$	44	0	16	6	80	1	10	0	116	2	3	6
8	0	3	0	45	0	16	$10\frac{1}{2}$	81	1	10	$4\frac{1}{2}$	117	2	3	$10\frac{1}{2}$
9	0	3	$4\frac{1}{2}$	46	0	17	3	82	1	10	9	118	2	4	3
10	0	3	9	47	0	17	$7\frac{1}{2}$	83	1	11	$1\frac{1}{2}$	119	2	4	$7\frac{1}{2}$
11	0	4	$1\frac{1}{2}$	48	0	18	0	84	1	11	6	120	2	5	0
12	0	4	6	49	0	18	$4\frac{1}{2}$	85	1	11	$10\frac{1}{2}$	121	2	5	$4\frac{1}{2}$
13	0	4	$10\frac{1}{2}$	50	0	18	9	86	1	12	3	122	2	5	9
14	0	5	3	51	0	19	$1\frac{1}{2}$	87	1	12	$7\frac{1}{2}$	123	2	6	$1\frac{1}{2}$
15	0	5	$7\frac{1}{2}$	52	0	19	6	88	1	13	0	124	2	6	6
16	0	6	0	53	0	19	$10\frac{1}{2}$	89	1	13	$4\frac{1}{2}$	125	2	6	$10\frac{1}{2}$
17	0	6	$4\frac{1}{2}$	54	1	0	3	90	1	13	9	126	2	7	3
18	0	6	9	55	1	0	$7\frac{1}{2}$	91	1	14	$1\frac{1}{2}$	127	2	7	$7\frac{1}{2}$
19	0	7	$1\frac{1}{2}$	56	1	1	0	92	1	14	6	128	2	8	0
20	0	7	6	57	1	1	$4\frac{1}{2}$	93	1	14	$10\frac{1}{2}$	129	2	8	$4\frac{1}{2}$
21	0	7	$10\frac{1}{2}$	58	1	1	9	94	1	15	3	130	2	8	9
22	0	8	3	59	1	2	$1\frac{1}{2}$	95	1	15	$7\frac{1}{2}$	131	2	9	$1\frac{1}{2}$
23	0	8	$7\frac{1}{2}$	60	1	2	6	96	1	16	0	132	2	9	6
24	0	9	0	61	1	2	$10\frac{1}{2}$	97	1	16	$4\frac{1}{2}$	133	2	9	$10\frac{1}{2}$
25	0	9	$4\frac{1}{2}$	62	1	3	3	98	1	16	9	134	2	10	3
26	0	9	9	63	1	3	$7\frac{1}{2}$	99	1	17	$1\frac{1}{2}$	135	2	10	$7\frac{1}{2}$
27	0	10	$1\frac{1}{2}$	64	1	4	0	100	1	17	6	136	2	11	0
28	0	10	6	65	1	4	$4\frac{1}{2}$	101	1	17	$10\frac{1}{2}$	137	2	11	$4\frac{1}{2}$
29	0	10	$10\frac{1}{2}$	66	1	4	9	102	1	18	3	138	2	11	9
30	0	11	3	67	1	5	$1\frac{1}{2}$	103	1	18	$7\frac{1}{2}$	139	2	12	$1\frac{1}{2}$
31	0	11	$7\frac{1}{2}$	68	1	5	6	104	1	19	0	140	2	12	6
32	0	12	0	69	1	5	$10\frac{1}{2}$	105	1	19	$4\frac{1}{2}$	141	2	12	$10\frac{1}{2}$
33	0	12	$4\frac{1}{2}$	70	1	6	3	106	1	19	9	142	2	13	3
34	0	12	9												

At Fourpence Three Farthings per Hour

$4\frac{3}{4}$d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
$\frac{1}{4}$	0	0	$1\frac{1}{4}$	35	0	13	$10\frac{1}{4}$	71	1	8	$1\frac{1}{4}$	107	2	2	$4\frac{1}{4}$
$\frac{1}{2}$	0	0	$2\frac{1}{4}$	36	0	14	3	72	1	8	6	108	2	2	9
$\frac{3}{4}$	0	0	$3\frac{1}{2}$	37	0	14	$7\frac{3}{4}$	73	1	8	$10\frac{3}{4}$	109	2	3	$1\frac{3}{4}$
1	0	0	$4\frac{3}{4}$	38	0	15	$0\frac{1}{2}$	74	1	9	$3\frac{1}{2}$	110	2	3	$6\frac{1}{2}$
2	0	0	$9\frac{1}{2}$	39	0	15	$5\frac{1}{4}$	75	1	9	$8\frac{1}{4}$	111	2	3	$11\frac{1}{4}$
3	0	1	$2\frac{1}{4}$	40	0	15	10	76	1	10	1	112	2	4	4
4	0	1	7	41	0	16	$2\frac{3}{4}$	77	1	10	$5\frac{3}{4}$	113	2	4	$8\frac{3}{4}$
5	0	1	$11\frac{3}{4}$	42	0	16	$7\frac{1}{2}$	78	1	10	$10\frac{1}{2}$	114	2	5	$1\frac{1}{2}$
6	0	2	$4\frac{1}{2}$	43	0	17	$0\frac{1}{4}$	79	1	11	$3\frac{1}{4}$	115	2	5	$6\frac{1}{4}$
7	0	2	$9\frac{1}{4}$	44	0	17	5	80	1	11	8	116	2	5	11
8	0	3	2	45	0	17	$9\frac{3}{4}$	81	1	12	$0\frac{3}{4}$	117	2	6	$3\frac{3}{4}$
9	0	3	$6\frac{3}{4}$	46	0	18	$2\frac{1}{2}$	82	1	12	$5\frac{1}{2}$	118	2	6	$8\frac{1}{2}$
10	0	3	$11\frac{1}{2}$	47	0	18	$7\frac{1}{4}$	83	1	12	$10\frac{1}{4}$	119	2	7	$1\frac{1}{4}$
11	0	4	$4\frac{1}{4}$	48	0	19	0	84	1	13	3	120	2	7	6
12	0	4	9	49	0	19	$4\frac{3}{4}$	85	1	13	$7\frac{3}{4}$	121	2	7	$10\frac{3}{4}$
13	0	5	$1\frac{3}{4}$	50	0	19	$9\frac{1}{2}$	86	1	14	$0\frac{1}{2}$	122	2	8	$3\frac{1}{2}$
14	0	5	$6\frac{1}{2}$	51	1	0	$2\frac{1}{4}$	87	1	14	$5\frac{1}{4}$	123	2	8	$8\frac{1}{4}$
15	0	5	$11\frac{1}{4}$	52	1	0	7	88	1	14	10	124	2	9	1
16	0	6	4	53	1	0	$11\frac{3}{4}$	89	1	15	$2\frac{3}{4}$	125	2	9	$5\frac{3}{4}$
17	0	6	$8\frac{3}{4}$	54	1	1	$4\frac{1}{2}$	90	1	15	$7\frac{1}{2}$	126	2	9	$10\frac{1}{2}$
18	0	7	$1\frac{1}{2}$	55	1	1	$9\frac{1}{4}$	91	1	16	$0\frac{1}{4}$	127	2	10	$3\frac{1}{4}$
19	0	7	$6\frac{1}{4}$	56	1	2	2	92	1	16	5	128	2	10	8
20	0	7	11	57	1	2	$6\frac{3}{4}$	93	1	16	$9\frac{3}{4}$	129	2	11	$0\frac{3}{4}$
21	0	8	$3\frac{3}{4}$	58	1	2	$11\frac{1}{2}$	94	1	17	$2\frac{1}{2}$	130	2	11	$5\frac{1}{2}$
22	0	8	$8\frac{1}{2}$	59	1	3	$4\frac{1}{4}$	95	1	17	$7\frac{1}{4}$	131	2	11	$10\frac{1}{4}$
23	0	9	$1\frac{1}{4}$	60	1	3	9	96	1	18	0	132	2	12	3
24	0	9	6	61	1	4	$1\frac{3}{4}$	97	1	18	$4\frac{3}{4}$	133	2	12	$7\frac{3}{4}$
25	0	9	$10\frac{3}{4}$	62	1	4	$6\frac{1}{2}$	98	1	18	$9\frac{1}{2}$	134	2	13	$0\frac{1}{2}$
26	0	10	$3\frac{1}{2}$	63	1	4	$11\frac{1}{4}$	99	1	19	$2\frac{1}{4}$	135	2	13	$5\frac{1}{4}$
27	0	10	$8\frac{1}{4}$	64	1	5	4	100	1	19	7	136	2	13	10
28	0	11	1	65	1	5	$8\frac{3}{4}$	101	1	19	$11\frac{3}{4}$	137	2	14	$2\frac{3}{4}$
29	0	11	$5\frac{3}{4}$	66	1	6	$1\frac{1}{2}$	102	2	0	$4\frac{1}{2}$	138	2	14	$7\frac{1}{2}$
30	0	11	$10\frac{1}{2}$	67	1	6	$6\frac{1}{4}$	103	2	0	$9\frac{1}{4}$	139	2	15	$0\frac{1}{4}$
31	0	12	$3\frac{1}{4}$	68	1	6	11	104	2	1	2	140	2	15	5
32	0	12	8	69	1	7	$3\frac{3}{4}$	105	2	1	$6\frac{3}{4}$	141	2	15	$9\frac{3}{4}$
33	0	13	$0\frac{3}{4}$	70	1	7	$8\frac{1}{2}$	106	2	1	$11\frac{1}{2}$	142	2	16	$2\frac{1}{2}$
34	0	13	$5\frac{1}{2}$												

At Fivepence per Hour.

5d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	1¼	35	0	14	7	71	1	9	7	107	2	4	7
½	0	0	2½	36	0	15	0	72	1	10	0	108	2	5	0
¾	0	0	3¾	37	0	15	5	73	1	10	5	109	2	5	5
1	0	0	5	38	0	15	10	74	1	10	10	110	2	5	10
2	0	0	10	39	0	16	3	75	1	11	3	111	2	6	3
3	0	1	3	40	0	16	8	76	1	11	8	112	2	6	8
4	0	1	8	41	0	17	1	77	1	12	1	113	2	7	1
5	0	2	1	42	0	17	6	78	1	12	6	114	2	7	6
6	0	2	6	43	0	17	11	79	1	12	11	115	2	7	11
7	0	2	11	44	0	18	4	80	1	13	4	116	2	8	4
8	0	3	4	45	0	18	9	81	1	13	9	117	2	8	9
9	0	3	9	46	0	19	2	82	1	14	2	118	2	9	2
10	0	4	2	47	0	19	7	83	1	14	7	119	2	9	7
11	0	4	7	48	1	0	0	84	1	15	0	120	2	10	0
12	0	5	0	49	1	0	5	85	1	15	5	121	2	10	5
13	0	5	5	50	1	0	10	86	1	15	10	122	2	10	10
14	0	5	10	51	1	1	3	87	1	16	3	123	2	11	3
15	0	6	3	52	1	1	8	88	1	16	8	124	2	11	8
16	0	6	8	53	1	2	1	89	1	17	1	125	2	12	1
17	0	7	1	54	1	2	6	90	1	17	6	126	2	12	6
18	0	7	6	55	1	2	11	91	1	17	11	127	2	12	11
19	0	7	11	56	1	3	4	92	1	18	4	128	2	13	4
20	0	8	4	57	1	3	9	93	1	18	9	129	2	13	9
21	0	8	9	58	1	4	2	94	1	19	2	130	2	14	2
22	0	9	2	59	1	4	7	95	1	19	7	131	2	14	7
23	0	9	7	60	1	5	0	96	2	0	0	132	2	15	0
24	0	10	0	61	1	5	5	97	2	0	5	133	2	15	5
25	0	10	5	62	1	5	10	98	2	0	10	134	2	15	10
26	0	10	10	63	1	6	3	99	2	1	3	135	2	16	3
27	0	11	3	64	1	6	8	100	2	1	8	136	2	16	8
28	0	11	8	65	1	7	1	101	2	2	1	137	2	17	1
29	0	12	1	66	1	7	6	102	2	2	6	138	2	17	6
30	0	12	6	67	1	7	11	103	2	2	11	139	2	17	11
31	0	12	11	68	1	8	4	104	2	3	4	140	2	18	4
32	0	13	4	69	1	8	9	105	2	3	9	141	2	18	9
33	0	13	9	70	1	9	2	106	2	4	2	142	2	19	2
34	0	14	2												

At Fivepence Farthing per Hour

$5\frac{1}{4}$d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
$\frac{1}{4}$	0	0	$1\frac{1}{4}$	35	0	15	$3\frac{3}{4}$	71	1	11	$0\frac{3}{4}$	107	2	6	$9\frac{3}{4}$
$\frac{1}{2}$	0	0	$2\frac{1}{2}$	36	0	15	9	72	1	11	6	108	2	7	3
$\frac{3}{4}$	0	0	$3\frac{3}{4}$	37	0	16	$2\frac{1}{4}$	73	1	11	$11\frac{1}{4}$	109	2	7	$8\frac{1}{4}$
1	0	0	$5\frac{1}{4}$	38	0	16	$7\frac{1}{2}$	74	1	12	$4\frac{1}{2}$	110	2	8	$1\frac{1}{2}$
2	0	0	$10\frac{1}{2}$	39	0	17	$0\frac{3}{4}$	75	1	12	$9\frac{3}{4}$	111	2	8	$6\frac{3}{4}$
3	0	1	$3\frac{3}{4}$	40	0	17	6	76	1	13	3	112	2	9	0
4	0	1	9	41	0	17	$11\frac{1}{4}$	77	1	13	$8\frac{1}{4}$	113	2	9	$5\frac{1}{4}$
5	0	2	$2\frac{1}{4}$	42	0	18	$4\frac{1}{2}$	78	1	14	$1\frac{1}{2}$	114	2	9	$10\frac{1}{2}$
6	0	2	$7\frac{1}{2}$	43	0	18	$9\frac{3}{4}$	79	1	14	$6\frac{3}{4}$	115	2	10	$3\frac{3}{4}$
7	0	3	$0\frac{3}{4}$	44	0	19	3	80	1	15	0	116	2	10	9
8	0	3	6	45	0	19	$8\frac{1}{4}$	81	1	15	$5\frac{1}{4}$	117	2	11	$2\frac{1}{4}$
9	0	3	$11\frac{1}{4}$	46	1	0	$1\frac{1}{2}$	82	1	15	$10\frac{1}{2}$	118	2	11	$7\frac{1}{2}$
10	0	4	$4\frac{1}{2}$	47	1	0	$6\frac{3}{4}$	83	1	16	$3\frac{3}{4}$	119	2	12	$0\frac{3}{4}$
11	0	4	$9\frac{3}{4}$	48	1	1	0	84	1	16	9	120	2	12	6
12	0	5	3	49	1	1	$5\frac{1}{4}$	85	1	17	$2\frac{1}{4}$	121	2	12	$11\frac{1}{4}$
13	0	5	$8\frac{1}{4}$	50	1	1	$10\frac{1}{2}$	86	1	17	$7\frac{1}{2}$	122	2	13	$4\frac{1}{2}$
14	0	6	$1\frac{1}{2}$	51	1	2	$3\frac{3}{4}$	87	1	18	$0\frac{3}{4}$	123	2	13	$9\frac{3}{4}$
15	0	6	$6\frac{3}{4}$	52	1	2	9	88	1	18	6	124	2	14	3
16	0	7	0	53	1	3	$2\frac{1}{4}$	89	1	18	$11\frac{1}{4}$	125	2	14	$8\frac{1}{4}$
17	0	7	$5\frac{1}{4}$	54	1	3	$7\frac{1}{2}$	90	1	19	$4\frac{1}{2}$	126	2	15	$1\frac{1}{2}$
18	0	7	$10\frac{1}{2}$	55	1	4	$0\frac{3}{4}$	91	1	19	$9\frac{3}{4}$	127	2	15	$6\frac{3}{4}$
19	0	8	$3\frac{3}{4}$	56	1	4	6	92	2	0	3	128	2	16	0
20	0	8	9	57	1	4	$11\frac{1}{4}$	93	2	0	$8\frac{1}{4}$	129	2	16	$5\frac{1}{4}$
21	0	9	$2\frac{1}{4}$	58	1	5	$4\frac{1}{2}$	94	2	1	$1\frac{1}{2}$	130	2	16	$10\frac{1}{2}$
22	0	9	$7\frac{1}{2}$	59	1	5	$9\frac{3}{4}$	95	2	1	$6\frac{3}{4}$	131	2	17	$3\frac{3}{4}$
23	0	10	$0\frac{3}{4}$	60	1	6	3	96	2	2	0	132	2	17	9
24	0	10	6	61	1	6	$8\frac{1}{4}$	97	2	2	$5\frac{1}{4}$	133	2	18	$2\frac{1}{4}$
25	0	10	$11\frac{1}{4}$	62	1	7	$1\frac{1}{2}$	98	2	2	$10\frac{1}{2}$	134	2	18	$7\frac{1}{2}$
26	0	11	$4\frac{1}{2}$	63	1	7	$6\frac{3}{4}$	99	2	3	$3\frac{3}{4}$	135	2	19	$0\frac{3}{4}$
27	0	11	$9\frac{3}{4}$	64	1	8	0	100	2	3	9	136	2	19	6
28	0	12	3	65	1	8	$5\frac{1}{4}$	101	2	4	$2\frac{1}{4}$	137	2	19	$11\frac{1}{4}$
29	0	12	$8\frac{1}{4}$	66	1	8	$10\frac{1}{2}$	102	2	4	$7\frac{1}{2}$	138	3	0	$4\frac{1}{2}$
30	0	13	$1\frac{1}{2}$	67	1	9	$3\frac{3}{4}$	103	2	5	$0\frac{3}{4}$	139	3	0	$9\frac{3}{4}$
31	0	13	$6\frac{3}{4}$	68	1	9	9	104	2	5	6	140	3	1	3
32	0	14	0	69	1	10	$2\frac{1}{4}$	105	2	5	$11\frac{1}{4}$	141	3	1	$8\frac{1}{4}$
33	0	14	$5\frac{1}{4}$	70	1	10	$7\frac{1}{2}$	106	2	6	$4\frac{1}{2}$	142	3	2	$1\frac{1}{2}$
34	0	14	$10\frac{1}{2}$												

At Fivepence Halfpenny per Hour.

5½d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	1¼	35	0	16	0½	71	1	12	6½	107	2	9	0½
½	0	0	2¾	36	0	16	6	72	1	13	0	108	2	9	6
¾	0	0	4	37	0	16	11½	73	1	13	5½	109	2	9	11½
1	0	0	5½	38	0	17	5	74	1	13	11	110	2	10	5
2	0	0	11	39	0	17	10½	75	1	14	4½	111	2	10	10½
3	0	1	4½	40	0	18	4	76	1	14	10	112	2	11	4
4	0	1	10	41	0	18	9½	77	1	15	3½	113	2	11	9½
5	0	2	3½	42	0	19	3	78	1	15	9	114	2	12	3
6	0	2	9	43	0	19	8½	79	1	16	2½	115	2	12	8½
7	0	3	2½	44	1	0	2	80	1	16	8	116	2	13	2
8	0	3	8	45	1	0	7½	81	1	17	1½	117	2	13	7½
9	0	4	1½	46	1	1	1	82	1	17	7	118	2	14	1
10	0	4	7	47	1	1	6½	83	1	18	0½	119	2	14	6½
11	0	5	0½	48	1	2	0	84	1	18	6	120	2	15	0
12	0	5	6	49	1	2	5½	85	1	18	11½	121	2	15	5½
13	0	5	11½	50	1	2	11	86	1	19	5	122	2	15	11
14	0	6	5	51	1	3	4½	87	1	19	10½	123	2	16	4½
15	0	6	10½	52	1	3	10	88	2	0	4	124	2	16	10
16	0	7	4	53	1	4	3½	89	2	0	9½	125	2	17	3½
17	0	7	9½	54	1	4	9	90	2	1	3	126	2	17	9
18	0	8	3	55	1	5	2½	91	2	1	8½	127	2	18	2½
19	0	8	8½	56	1	5	8	92	2	2	2	128	2	18	8
20	0	9	2	57	1	6	1½	93	2	2	7½	129	2	19	1½
21	0	9	7½	58	1	6	7	94	2	3	1	130	2	19	7
22	0	10	1	59	1	7	0½	95	2	3	6½	131	3	0	0½
23	0	10	6½	60	1	7	6	96	2	4	0	132	3	0	6
24	0	11	0	61	1	7	11½	97	2	4	5½	133	3	0	11½
25	0	11	5½	62	1	8	5	98	2	4	11	134	3	1	5
26	0	11	11	63	1	8	10½	99	2	5	4½	135	3	1	10½
27	0	12	4½	64	1	9	4	100	2	5	10	136	3	2	4
28	0	12	10	65	1	9	9½	101	2	6	3½	137	3	2	9½
29	0	13	3½	66	1	10	3	102	2	6	9	138	3	3	3
30	0	13	9	67	1	10	8½	103	2	7	2½	139	3	3	8½
31	0	14	2½	68	1	11	2	104	2	7	8	140	3	4	2
32	0	14	8	69	1	11	7½	105	2	8	1½	141	3	4	7½
33	0	15	1½	70	1	12	1	106	2	8	7	142	3	5	1
34	0	15	7												

At Fivepence Three Farthings per Hour.

5¾d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	1½	35	0	16	9¼	71	1	14	0¼	107	2	11	3¼
½	0	0	2¾	36	0	17	3	72	1	14	6	108	2	11	9
¾	0	0	4¼	37	0	17	8¾	73	1	14	11¾	109	2	12	2¾
1	0	0	5¾	38	0	18	2½	74	1	15	5½	110	2	12	8½
2	0	0	11½	39	0	18	8¼	75	1	15	11¼	111	2	13	2¼
3	0	1	5¼	40	0	19	2	76	1	16	5	112	2	13	8
4	0	1	11	41	0	19	7¾	77	1	16	10¾	113	2	14	1¾
5	0	2	4¾	42	1	0	1½	78	1	17	4½	114	2	14	7½
6	0	2	10½	43	1	0	7¼	79	1	17	10¼	115	2	15	1¼
7	0	3	4¼	44	1	1	1	80	1	18	4	116	2	15	7
8	0	3	10	45	1	1	6¾	81	1	18	9¾	117	2	16	0¾
9	0	4	3¾	46	1	2	0½	82	1	19	3½	118	2	16	6½
10	0	4	9½	47	1	2	6¼	83	1	19	9¼	119	2	17	0¼
11	0	5	3¼	48	1	3	0	84	2	0	3	120	2	17	6
12	0	5	9	49	1	3	5¾	85	2	0	8¾	121	2	17	11¾
13	0	6	2¾	50	1	3	11½	86	2	1	2½	122	2	18	5½
14	0	6	8½	51	1	4	5¼	87	2	1	8¼	123	2	18	11¼
15	0	7	2¼	52	1	4	11	88	2	2	2	124	2	19	5
16	0	7	8	53	1	5	4¾	89	2	2	7¾	125	2	19	10¾
17	0	8	1¾	54	1	5	10½	90	2	3	1½	126	3	0	4½
18	0	8	7½	55	1	6	4¼	91	2	3	7¼	127	3	0	10¼
19	0	9	1¼	56	1	6	10	92	2	4	1	128	3	1	4
20	0	9	7	57	1	7	3¾	93	2	4	6¾	129	3	1	9¾
21	0	10	0¾	58	1	7	9½	94	2	5	0½	130	3	2	3½
22	0	10	6½	59	1	8	3¼	95	2	5	6¼	131	3	2	9¼
23	0	11	0¼	60	1	8	9	96	2	6	0	132	3	3	3
24	0	11	6	61	1	9	2¾	97	2	6	5¾	133	3	3	8¾
25	0	11	11¾	62	1	9	8½	98	2	6	11½	134	3	4	2½
26	0	12	5½	63	1	10	2¼	99	2	7	5¼	135	3	4	8¼
27	0	12	11¼	64	1	10	8	100	2	7	11	136	3	5	2
28	0	13	5	65	1	11	1¾	101	2	8	4¾	137	3	5	7¾
29	0	13	10¾	66	1	11	7½	102	2	8	10½	138	3	6	1½
30	0	14	4½	67	1	12	1¼	103	2	9	4¼	139	3	6	7¼
31	0	14	10¼	68	1	12	7	104	2	9	10	140	3	7	1
32	0	15	4	69	1	13	0¾	105	2	10	3¾	141	3	7	6¾
33	0	15	9¾	70	1	13	6½	106	2	10	9½	142	3	8	0½
34	0	16	3½												

At Sixpence per Hour.

6d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	1½	35	0	17	6	71	1	15	6	107	2	13	6
½	0	0	3	36	0	18	0	72	1	16	0	108	2	14	0
¾	0	0	4½	37	0	18	6	73	1	16	6	109	2	14	6
1	0	0	6	38	0	19	0	74	1	17	0	110	2	15	0
2	0	1	0	39	0	19	6	75	1	17	6	111	2	15	6
3	0	1	6	40	1	0	0	76	1	18	0	112	2	16	0
4	0	2	0	41	1	0	6	77	1	18	6	113	2	16	6
5	0	2	6	42	1	1	0	78	1	19	0	114	2	17	0
6	0	3	0	43	1	1	6	79	1	19	6	115	2	17	6
7	0	3	6	44	1	2	0	80	2	0	0	116	2	18	0
8	0	4	0	45	1	2	6	81	2	0	6	117	2	18	6
9	0	4	6	46	1	3	0	82	2	1	0	118	2	19	0
10	0	5	0	47	1	3	6	83	2	1	6	119	2	19	6
11	0	5	6	48	1	4	0	84	2	2	0	120	3	0	0
12	0	6	0	49	1	4	6	85	2	2	6	121	3	0	6
13	0	6	6	50	1	5	0	86	2	3	0	122	3	1	0
14	0	7	0	51	1	5	6	87	2	3	6	123	3	1	6
15	0	7	6	52	1	6	0	88	2	4	0	124	3	2	0
16	0	8	0	53	1	6	6	89	2	4	6	125	3	2	6
17	0	8	6	54	1	7	0	90	2	5	0	126	3	3	0
18	0	9	0	55	1	7	6	91	2	5	6	127	3	3	6
19	0	9	6	56	1	8	0	92	2	6	0	128	3	4	0
20	0	10	0	57	1	8	6	93	2	6	6	129	3	4	6
21	0	10	6	58	1	9	0	94	2	7	0	130	3	5	0
22	0	11	0	59	1	9	6	95	2	7	6	131	3	5	6
23	0	11	6	60	1	10	0	96	2	8	0	132	3	6	0
24	0	12	0	61	1	10	6	97	2	8	6	133	3	6	6
25	0	12	6	62	1	11	0	98	2	9	0	134	3	7	0
26	0	13	0	63	1	11	6	99	2	9	6	135	3	7	6
27	0	13	6	64	1	12	0	100	2	10	0	136	3	8	0
28	0	14	0	65	1	12	6	101	2	10	6	137	3	8	6
29	0	14	6	66	1	13	0	102	2	11	0	138	3	9	0
30	0	15	0	67	1	13	6	103	2	11	6	139	3	9	6
31	0	15	6	68	1	14	0	104	2	12	0	140	3	10	0
32	0	16	0	69	1	14	6	105	2	12	6	141	3	10	6
33	0	16	6	70	1	15	0	106	2	13	0	142	3	11	0
34	0	17	0												

At Sixpence Farthing per Hour.

6¼d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	1½	35	0	18	2¾	71	1	16	11¾	107	2	15	8¾
½	0	0	3	36	0	18	9	72	1	17	6	108	2	16	3
¾	0	0	4½	37	0	19	3¼	73	1	18	0¼	109	2	16	9¼
1	0	0	6¼	38	0	19	9½	74	1	18	6½	110	2	17	3½
2	0	1	0½	39	1	0	3¾	75	1	19	0¾	111	2	17	9¾
3	0	1	6¾	40	1	0	10	76	1	19	7	112	2	18	4
4	0	2	1	41	1	1	4¼	77	2	0	1¼	113	2	18	10¼
5	0	2	7¼	42	1	1	10½	78	2	0	7½	114	2	19	4½
6	0	3	1½	43	1	2	4¾	79	2	1	1¾	115	2	19	10¾
7	0	3	7¾	44	1	2	11	80	2	1	8	116	3	0	5
8	0	4	2	45	1	3	5¼	81	2	2	2¼	117	3	0	11¼
9	0	4	8¼	46	1	3	11½	82	2	2	8½	118	3	1	5½
10	0	5	2½	47	1	4	5¾	83	2	3	2¾	119	3	1	11¾
11	0	5	8¾	48	1	5	0	84	2	3	9	120	3	2	6
12	0	6	3	49	1	5	6¼	85	2	4	3¼	121	3	3	0¼
13	0	6	9¼	50	1	6	0½	86	2	4	9½	122	3	3	6½
14	0	7	3½	51	1	6	6¾	87	2	5	3¾	123	3	4	0¾
15	0	7	9¾	52	1	7	1	88	2	5	10	124	3	4	7
16	0	8	4	53	1	7	7¼	89	2	6	4¼	125	3	5	1¼
17	0	8	10¼	54	1	8	1½	90	2	6	10½	126	3	5	7½
18	0	9	4½	55	1	8	7¾	91	2	7	4¾	127	3	6	1¾
19	0	9	10¾	56	1	9	2	92	2	7	11	128	3	6	8
20	0	10	5	57	1	9	8¼	93	2	8	5¼	129	3	7	2¼
21	0	10	11¼	58	1	10	2½	94	2	8	11½	130	3	7	8½
22	0	11	5½	59	1	10	8¾	95	2	9	5¾	131	3	8	2¾
23	0	11	11¾	60	1	11	3	96	2	10	0	132	3	8	9
24	0	12	6	61	1	11	9¼	97	2	10	6¼	133	3	9	3¼
25	0	13	0¼	62	1	12	3½	98	2	11	0½	134	3	9	9½
26	0	13	6½	63	1	12	9¾	99	2	11	6¾	135	3	10	3¾
27	0	14	0¾	64	1	13	4	100	2	12	1	136	3	10	10
28	0	14	7	65	1	13	10¼	101	2	12	7¼	137	3	11	4¼
29	0	15	1¼	66	1	14	4½	102	2	13	1½	138	3	11	10½
30	0	15	7½	67	1	14	10¾	103	2	13	7¾	139	3	12	4¾
31	0	16	1¾	68	1	15	5	104	2	14	2	140	3	12	11
32	0	16	8	69	1	15	11¼	105	2	14	8¼	141	3	13	5¼
33	0	17	2¼	70	1	16	5½	106	2	15	2½	142	3	13	11½
34	0	17	8½												

At Sixpence Halfpenny per Hour.

$6\frac{1}{2}$d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
$\frac{1}{4}$	0	0	$1\frac{1}{2}$	35	0	18	$11\frac{1}{2}$	71	1	18	$5\frac{1}{2}$	107	2	17	$11\frac{1}{2}$
$\frac{1}{2}$	0	0	$3\frac{1}{4}$	36	0	19	6	72	1	19	0	108	2	18	6
$\frac{3}{4}$	0	0	$4\frac{3}{4}$	37	1	0	$0\frac{1}{2}$	73	1	19	$6\frac{1}{2}$	109	2	19	$0\frac{1}{2}$
1	0	0	$6\frac{1}{2}$	38	1	0	7	74	2	0	1	110	2	19	7
2	0	1	1	39	1	1	$1\frac{1}{2}$	75	2	0	$7\frac{1}{2}$	111	3	0	$1\frac{1}{2}$
3	0	1	$7\frac{1}{2}$	40	1	1	8	76	2	1	2	112	3	0	8
4	0	2	2	41	1	2	$2\frac{1}{2}$	77	2	1	$8\frac{1}{2}$	113	3	1	$2\frac{1}{2}$
5	0	2	$8\frac{1}{2}$	42	1	2	9	78	2	2	3	114	3	1	9
6	0	3	3	43	1	3	$3\frac{1}{2}$	79	2	2	$9\frac{1}{2}$	115	3	2	$3\frac{1}{2}$
7	0	3	$9\frac{1}{2}$	44	1	3	10	80	2	3	4	116	3	2	10
8	0	4	4	45	1	4	$4\frac{1}{2}$	81	2	3	$10\frac{1}{2}$	117	3	3	$4\frac{1}{2}$
9	0	4	$10\frac{1}{2}$	46	1	4	11	82	2	4	5	118	3	3	11
10	0	5	5	47	1	5	$5\frac{1}{2}$	83	2	4	$11\frac{1}{2}$	119	3	4	$5\frac{1}{2}$
11	0	5	$11\frac{1}{2}$	48	1	6	0	84	2	5	6	120	3	5	0
12	0	6	6	49	1	6	$6\frac{1}{2}$	85	2	6	$0\frac{1}{2}$	121	3	5	$6\frac{1}{2}$
13	0	7	$0\frac{1}{2}$	50	1	7	1	86	2	6	7	122	3	6	1
14	0	7	7	51	1	7	$7\frac{1}{2}$	87	2	7	$1\frac{1}{2}$	123	3	6	$7\frac{1}{2}$
15	0	8	$1\frac{1}{2}$	52	1	8	2	88	2	7	8	124	3	7	2
16	0	8	8	53	1	8	$8\frac{1}{2}$	89	2	8	$2\frac{1}{2}$	125	3	7	$8\frac{1}{2}$
17	0	9	$2\frac{1}{2}$	54	1	9	3	90	2	8	9	126	3	8	3
18	0	9	9	55	1	9	$9\frac{1}{2}$	91	2	9	$3\frac{1}{2}$	127	3	8	$9\frac{1}{2}$
19	0	10	$3\frac{1}{2}$	56	1	10	4	92	2	9	10	128	3	9	4
20	0	10	10	57	1	10	$10\frac{1}{2}$	93	2	10	$4\frac{1}{2}$	129	3	9	$10\frac{1}{2}$
21	0	11	$4\frac{1}{2}$	58	1	11	5	94	2	10	11	130	3	10	5
22	0	11	11	59	1	11	$11\frac{1}{2}$	95	2	11	$5\frac{1}{2}$	131	3	10	$11\frac{1}{2}$
23	0	12	$5\frac{1}{2}$	60	1	12	6	96	2	12	0	132	3	11	6
24	0	13	0	61	1	13	$0\frac{1}{2}$	97	2	12	$6\frac{1}{2}$	133	3	12	$0\frac{1}{2}$
25	0	13	$6\frac{1}{2}$	62	1	13	7	98	2	13	1	134	3	12	7
26	0	14	1	63	1	14	$1\frac{1}{2}$	99	2	13	$7\frac{1}{2}$	135	3	13	$1\frac{1}{2}$
27	0	14	$7\frac{1}{2}$	64	1	14	8	100	2	14	2	136	3	13	8
28	0	15	2	65	1	15	$2\frac{1}{2}$	101	2	14	$8\frac{1}{2}$	137	3	14	$2\frac{1}{2}$
29	0	15	$8\frac{1}{2}$	66	1	15	9	102	2	15	3	138	3	14	9
30	0	16	3	67	1	16	$3\frac{1}{2}$	103	2	15	$9\frac{1}{2}$	139	3	15	$3\frac{1}{2}$
31	0	16	$9\frac{1}{2}$	68	1	16	10	104	2	16	4	140	3	15	10
32	0	17	4	69	1	17	$4\frac{1}{2}$	105	2	16	$10\frac{1}{2}$	141	3	16	$4\frac{1}{2}$
33	0	17	$10\frac{1}{2}$	70	1	17	11	106	2	17	5	142	3	16	11
34	0	18	5												

At Sixpence Three Farthings per Hour.

$6\frac{3}{4}$d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
$\frac{1}{4}$	0	0	$1\frac{1}{2}$	35	0	19	$8\frac{1}{4}$	71	1	19	$11\frac{1}{4}$	107	3	0	$2\frac{1}{4}$
$\frac{1}{2}$	0	0	$3\frac{1}{4}$	36	1	0	3	72	2	0	6	108	3	0	9
$\frac{3}{4}$	0	0	5	37	1	0	$9\frac{3}{4}$	73	2	1	$0\frac{3}{4}$	109	3	1	$3\frac{3}{4}$
1	0	0	$6\frac{3}{4}$	38	1	1	$4\frac{1}{2}$	74	2	1	$7\frac{1}{2}$	110	3	1	$10\frac{1}{2}$
2	0	1	$1\frac{1}{2}$	39	1	1	$11\frac{1}{4}$	75	2	2	$2\frac{1}{4}$	111	3	2	$5\frac{1}{4}$
3	0	1	$8\frac{1}{4}$	40	1	2	6	76	2	2	9	112	3	3	0
4	0	2	3	41	1	3	$0\frac{3}{4}$	77	2	3	$3\frac{3}{4}$	113	3	3	$6\frac{3}{4}$
5	0	2	$9\frac{3}{4}$	42	1	3	$7\frac{1}{2}$	78	2	3	$10\frac{1}{2}$	114	3	4	$1\frac{1}{2}$
6	0	3	$4\frac{1}{2}$	43	1	4	$2\frac{1}{4}$	79	2	4	$5\frac{1}{4}$	115	3	4	$8\frac{1}{4}$
7	0	3	$11\frac{1}{4}$	44	1	4	9	80	2	5	0	116	3	5	3
8	0	4	6	45	1	5	$3\frac{3}{4}$	81	2	5	$6\frac{3}{4}$	117	3	5	$9\frac{3}{4}$
9	0	5	$0\frac{3}{4}$	46	1	5	$10\frac{1}{2}$	82	2	6	$1\frac{1}{2}$	118	3	6	$4\frac{1}{2}$
10	0	5	$7\frac{1}{2}$	47	1	6	$5\frac{1}{4}$	83	2	6	$8\frac{1}{4}$	119	3	6	$11\frac{1}{4}$
11	0	6	$2\frac{1}{4}$	48	1	7	0	84	2	7	3	120	3	7	6
12	0	6	9	49	1	7	$6\frac{3}{4}$	85	2	7	$9\frac{3}{4}$	121	3	8	$0\frac{3}{4}$
13	0	7	$3\frac{3}{4}$	50	1	8	$1\frac{1}{2}$	86	2	8	$4\frac{1}{2}$	122	3	8	$7\frac{1}{2}$
14	0	7	$10\frac{1}{2}$	51	1	8	$8\frac{1}{4}$	87	2	8	$11\frac{1}{4}$	123	3	9	$2\frac{1}{4}$
15	0	8	$5\frac{1}{4}$	52	1	9	3	88	2	9	6	124	3	9	9
16	0	9	0	53	1	9	$9\frac{3}{4}$	89	2	10	$0\frac{3}{4}$	125	3	10	$3\frac{3}{4}$
17	0	9	$6\frac{3}{4}$	54	1	10	$4\frac{1}{2}$	90	2	10	$7\frac{1}{2}$	126	3	10	$10\frac{1}{2}$
18	0	10	$1\frac{1}{2}$	55	1	10	$11\frac{1}{4}$	91	2	11	$2\frac{1}{4}$	127	3	11	$5\frac{1}{4}$
19	0	10	$8\frac{1}{4}$	56	1	11	6	92	2	11	9	128	3	12	0
20	0	11	3	57	1	12	$0\frac{3}{4}$	93	2	12	$3\frac{3}{4}$	129	3	12	$6\frac{3}{4}$
21	0	11	$9\frac{3}{4}$	58	1	12	$7\frac{1}{2}$	94	2	12	$10\frac{1}{2}$	130	3	13	$1\frac{1}{2}$
22	0	12	$4\frac{1}{2}$	59	1	13	$2\frac{1}{4}$	95	2	13	$5\frac{1}{4}$	131	3	13	$8\frac{1}{4}$
23	0	12	$11\frac{1}{4}$	60	1	13	9	96	2	14	0	132	3	14	3
24	0	13	6	61	1	14	$3\frac{3}{4}$	97	2	14	$6\frac{3}{4}$	133	3	14	$9\frac{3}{4}$
25	0	14	$0\frac{3}{4}$	62	1	14	$10\frac{1}{2}$	98	2	15	$1\frac{1}{2}$	134	3	15	$4\frac{1}{2}$
26	0	14	$7\frac{1}{2}$	63	1	15	$5\frac{1}{4}$	99	2	15	$8\frac{1}{4}$	135	3	15	$11\frac{1}{4}$
27	0	15	$2\frac{1}{4}$	64	1	16	0	100	2	16	3	136	3	16	6
28	0	15	9	65	1	16	$6\frac{3}{4}$	101	2	16	$9\frac{3}{4}$	137	3	17	$0\frac{3}{4}$
29	0	16	$3\frac{3}{4}$	66	1	17	$1\frac{1}{2}$	102	2	17	$4\frac{1}{2}$	138	3	17	$7\frac{1}{2}$
30	0	16	$10\frac{1}{2}$	67	1	17	$8\frac{1}{4}$	103	2	17	$11\frac{1}{4}$	139	3	18	$2\frac{1}{4}$
31	0	17	$5\frac{1}{4}$	68	1	18	3	104	2	18	6	140	3	18	9
32	0	18	0	69	1	18	$9\frac{3}{4}$	105	2	19	$0\frac{3}{4}$	141	3	19	$3\frac{3}{4}$
33	0	18	$6\frac{3}{4}$	70	1	19	$4\frac{1}{2}$	106	2	19	$7\frac{1}{2}$	142	3	19	$10\frac{1}{2}$
34	0	19	$1\frac{1}{2}$												

At Sevenpence per Hour.

7d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	¾	35	1	0	5	71	2	1	5	107	3	2	5
½	0	0	1½	36	1	1	0	72	2	2	0	108	3	3	0
¾	0	0	2¼	37	1	1	7	73	2	2	7	109	3	3	7
1	0	0	7	38	1	2	2	74	2	3	2	110	3	4	2
2	0	1	2	39	1	2	9	75	2	3	9	111	3	4	9
3	0	1	9	40	1	3	4	76	2	4	4	112	3	5	4
4	0	2	4	41	1	3	11	77	2	4	11	113	3	5	11
5	0	2	11	42	1	4	6	78	2	5	6	114	3	6	6
6	0	3	6	43	1	5	1	79	2	6	1	115	3	7	1
7	0	4	1	44	1	5	8	80	2	6	8	116	3	7	8
8	0	4	8	45	1	6	3	81	2	7	3	117	3	8	3
9	0	5	3	46	1	6	10	82	2	7	10	118	3	8	10
10	0	5	10	47	1	7	5	83	2	8	5	119	3	9	5
11	0	6	5	48	1	8	0	84	2	9	0	120	3	10	0
12	0	7	0	49	1	8	7	85	2	9	7	121	3	10	7
13	0	7	7	50	1	9	2	86	2	10	2	122	3	11	2
14	0	8	2	51	1	9	9	87	2	10	9	123	3	11	9
15	0	8	9	52	1	10	4	88	2	11	4	124	3	12	4
16	0	9	4	53	1	10	11	89	2	11	11	125	3	12	11
17	0	9	11	54	1	11	6	90	2	12	6	126	3	13	6
18	0	10	6	55	1	12	1	91	2	13	1	127	3	14	1
19	0	11	1	56	1	12	8	92	2	13	8	128	3	14	8
20	0	11	8	57	1	13	3	93	2	14	3	129	3	15	3
21	0	12	3	58	1	13	10	94	2	14	10	130	3	15	10
22	0	12	10	59	1	14	5	95	2	15	5	131	3	16	5
23	0	13	5	60	1	15	0	96	2	16	0	132	3	17	0
24	0	14	0	61	1	15	7	97	2	16	7	133	3	17	7
25	0	14	7	62	1	16	2	98	2	17	2	134	3	18	2
26	0	15	2	63	1	16	9	99	2	17	9	135	3	18	9
27	0	15	9	64	1	17	4	100	2	18	4	136	3	19	4
28	0	16	4	65	1	17	11	101	2	18	11	137	3	19	11
29	0	16	11	66	1	18	6	102	2	19	6	138	4	0	6
30	0	17	6	67	1	19	1	103	3	0	1	139	4	1	1
31	0	18	1	68	1	19	8	104	3	0	8	140	4	1	8
32	0	18	8	69	2	0	3	105	3	1	3	141	4	2	3
33	0	19	3	70	2	0	10	106	3	1	10	142	4	2	10
34	0	19	10												

At Sevenpence Farthing per Hour.

$7\frac{1}{4}$d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
$\frac{1}{4}$	0	0	$1\frac{3}{4}$	35	1	1	$1\frac{3}{4}$	71	2	2	$10\frac{3}{4}$	107	3	4	$7\frac{3}{4}$
$\frac{1}{2}$	0	0	$3\frac{1}{2}$	36	1	1	9	72	2	3	6	108	3	5	3
$\frac{3}{4}$	0	0	$5\frac{1}{4}$	37	1	2	$4\frac{1}{4}$	73	2	4	$1\frac{1}{4}$	109	3	5	$10\frac{1}{4}$
1	0	0	$7\frac{1}{4}$	38	1	2	$11\frac{1}{2}$	74	2	4	$8\frac{1}{2}$	110	3	6	$5\frac{1}{2}$
2	0	1	$2\frac{1}{2}$	39	1	3	$6\frac{3}{4}$	75	2	5	$3\frac{3}{4}$	111	3	7	$0\frac{3}{4}$
3	0	1	$9\frac{3}{4}$	40	1	4	2	76	2	5	11	112	3	7	8
4	0	2	5	41	1	4	$9\frac{1}{4}$	77	2	6	$6\frac{1}{4}$	113	3	8	$3\frac{1}{4}$
5	0	3	$0\frac{1}{4}$	42	1	5	$4\frac{1}{2}$	78	2	7	$1\frac{1}{2}$	114	3	8	$10\frac{1}{2}$
6	0	3	$7\frac{1}{2}$	43	1	5	$11\frac{3}{4}$	79	2	7	$8\frac{3}{4}$	115	3	9	$5\frac{3}{4}$
7	0	4	$2\frac{3}{4}$	44	1	6	7	80	2	8	4	116	3	10	1
8	0	4	10	45	1	7	$2\frac{1}{4}$	81	2	8	$11\frac{1}{4}$	117	3	10	$8\frac{1}{4}$
9	0	5	$5\frac{1}{4}$	46	1	7	$9\frac{1}{2}$	82	2	9	$6\frac{1}{2}$	118	3	11	$3\frac{1}{2}$
10	0	6	$0\frac{1}{2}$	47	1	8	$4\frac{3}{4}$	83	2	10	$1\frac{3}{4}$	119	3	11	$10\frac{3}{4}$
11	0	6	$7\frac{3}{4}$	48	1	9	0	84	2	10	9	120	3	12	6
12	0	7	3	49	1	9	$7\frac{1}{4}$	85	2	11	$4\frac{1}{4}$	121	3	13	$1\frac{1}{4}$
13	0	7	$10\frac{1}{4}$	50	1	10	$2\frac{1}{2}$	86	2	11	$11\frac{1}{2}$	122	3	13	$8\frac{1}{2}$
14	0	8	$5\frac{1}{2}$	51	1	10	$9\frac{3}{4}$	87	2	12	$6\frac{3}{4}$	123	3	14	$3\frac{3}{4}$
15	0	9	$0\frac{3}{4}$	52	1	11	5	88	2	13	2	124	3	14	11
16	0	9	8	53	1	12	$0\frac{1}{4}$	89	2	13	$9\frac{1}{4}$	125	3	15	$6\frac{1}{4}$
17	0	10	$3\frac{1}{4}$	54	1	12	$7\frac{1}{2}$	90	2	14	$4\frac{1}{2}$	126	3	16	$1\frac{1}{2}$
18	0	10	$10\frac{1}{2}$	55	1	13	$2\frac{3}{4}$	91	2	14	$11\frac{3}{4}$	127	3	16	$8\frac{3}{4}$
19	0	11	$5\frac{3}{4}$	56	1	13	10	92	2	15	7	128	3	17	4
20	0	12	1	57	1	14	$5\frac{1}{4}$	93	2	16	$2\frac{1}{4}$	129	3	17	$11\frac{1}{4}$
21	0	12	$8\frac{1}{4}$	58	1	15	$0\frac{1}{2}$	94	2	16	$9\frac{1}{2}$	130	3	18	$6\frac{1}{2}$
22	0	13	$3\frac{1}{2}$	59	1	15	$7\frac{3}{4}$	95	2	17	$4\frac{3}{4}$	131	3	19	$1\frac{3}{4}$
23	0	13	$10\frac{3}{4}$	60	1	16	3	96	2	18	0	132	3	19	9
24	0	14	6	61	1	16	$10\frac{1}{4}$	97	2	18	$7\frac{1}{4}$	133	4	0	$4\frac{1}{4}$
25	0	15	$1\frac{1}{4}$	62	1	17	$5\frac{1}{2}$	98	2	19	$2\frac{1}{2}$	134	4	0	$11\frac{1}{2}$
26	0	15	$8\frac{1}{2}$	63	1	18	$0\frac{3}{4}$	99	2	19	$9\frac{3}{4}$	135	4	1	$6\frac{3}{4}$
27	0	16	$3\frac{3}{4}$	64	1	18	8	100	3	0	5	136	4	2	2
28	0	16	11	65	1	19	$3\frac{1}{4}$	101	3	1	$0\frac{1}{4}$	137	4	2	$9\frac{1}{4}$
29	0	17	$6\frac{1}{4}$	66	1	19	$10\frac{1}{2}$	102	3	1	$7\frac{1}{2}$	138	4	3	$4\frac{1}{2}$
30	0	18	$1\frac{1}{2}$	67	2	0	$5\frac{3}{4}$	103	3	2	$2\frac{3}{4}$	139	4	3	$11\frac{3}{4}$
31	0	18	$8\frac{3}{4}$	68	2	1	1	104	3	2	10	140	4	4	7
32	0	19	4	69	2	1	$8\frac{1}{4}$	105	3	3	$5\frac{1}{4}$	141	4	5	$2\frac{1}{4}$
33	0	19	$11\frac{1}{4}$	70	2	2	$3\frac{1}{2}$	106	3	4	$0\frac{1}{2}$	142	4	5	$9\frac{1}{2}$
34	1	0	$6\frac{1}{2}$												

At Sevenpence Halfpenny per Hour.

7½d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	1¾	35	1	1	10½	71	2	4	4½	107	3	6	10½
½	0	0	3½	36	1	2	6	72	2	5	0	108	3	7	6
¾	0	0	5¼	37	1	3	1½	73	2	5	7½	109	3	8	1½
1	0	0	7½	38	1	3	9	74	2	6	3	110	3	8	9
2	0	1	3	39	1	4	4½	75	2	6	10½	111	3	9	4½
3	0	1	10½	40	1	5	0	76	2	7	6	112	3	10	0
4	0	2	6	41	1	5	7½	77	2	8	1½	113	3	10	7½
5	0	3	1½	42	1	6	3	78	2	8	9	114	3	11	3
6	0	3	9	43	1	6	10½	79	2	9	4½	115	3	11	10½
7	0	4	4½	44	1	7	6	80	2	10	0	116	3	12	6
8	0	5	0	45	1	8	1½	81	2	10	7½	117	3	13	1½
9	0	5	7½	46	1	8	9	82	2	11	3	118	3	13	9
10	0	6	3	47	1	9	4½	83	2	11	10½	119	3	14	4½
11	0	6	10½	48	1	10	0	84	2	12	6	120	3	15	0
12	0	7	6	49	1	10	7½	85	2	13	1½	121	3	15	7½
13	0	8	1½	50	1	11	3	86	2	13	9	122	3	16	3
14	0	8	9	51	1	11	10½	87	2	14	4½	123	3	16	10½
15	0	9	4½	52	1	12	6	88	2	15	0	124	3	17	6
16	0	10	0	53	1	13	1½	89	2	15	7½	125	3	18	1½
17	0	10	7½	54	1	13	9	90	2	16	3	126	3	18	9
18	0	11	3	55	1	14	4½	91	2	16	10½	127	3	19	4½
19	0	11	10½	56	1	15	0	92	2	17	6	128	4	0	0
20	0	12	6	57	1	15	7½	93	2	18	1½	129	4	0	7½
21	0	13	1½	58	1	16	3	94	2	18	9	130	4	1	3
22	0	13	9	59	1	16	10½	95	2	19	4½	131	4	1	10½
23	0	14	4½	60	1	17	6	96	3	0	0	132	4	2	6
24	0	15	0	61	1	18	1½	97	3	0	7½	133	4	3	1½
25	0	15	7½	62	1	18	9	98	3	1	3	134	4	3	9
26	0	16	3	63	1	19	4½	99	3	1	10½	135	4	4	4½
27	0	16	10½	64	2	0	0	100	3	2	6	136	4	5	0
28	0	17	6	65	2	0	7½	101	3	3	1½	137	4	5	7½
29	0	18	1½	66	2	1	3	102	3	3	9	138	4	6	3
30	0	18	9	67	2	1	10	103	3	4	4½	139	4	6	10½
31	0	19	4½	68	2	2	6	104	3	5	0	140	4	7	6
32	1	0	0	69	2	3	1½	105	3	5	7½	141	4	8	1½
33	1	0	7½	70	2	3	9	106	3	6	3	142	4	8	9
34	1	1	3												

At Sevenpence Three Farthings per Hour.

7¾d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	1¾	35	1	2	7¼	71	2	5	10¼	107	3	9	1¼
½	0	0	3½	36	1	3	3	72	2	6	6	108	3	9	9
¾	0	0	5¼	37	1	3	10¾	73	2	7	1¾	109	3	10	4¾
1	0	0	7¾	38	1	4	6½	74	2	7	9½	110	3	11	0½
2	0	1	3½	39	1	5	2¼	75	2	8	5¼	111	3	11	8¼
3	0	1	11¼	40	1	5	10	76	2	9	1	112	3	12	4
4	0	2	7	41	1	6	5¾	77	2	9	8¾	113	3	12	11¾
5	0	3	2¾	42	1	7	1½	78	2	10	4½	114	3	13	7½
6	0	3	10½	43	1	7	9¼	79	2	11	0¼	115	3	14	3¼
7	0	4	6¼	44	1	8	5	80	2	11	8	116	3	14	11
8	0	5	2	45	1	9	0¾	81	2	12	3¾	117	3	15	6¾
9	0	5	9¾	46	1	9	8½	82	2	12	11½	118	3	16	2½
10	0	6	5½	47	1	10	4¼	83	2	13	7¼	119	3	16	10¼
11	0	7	1¼	48	1	11	0	84	2	14	3	120	3	17	6
12	0	7	9	49	1	11	7¾	85	2	14	10¾	121	3	18	1¾
13	0	8	4¾	50	1	12	3½	86	2	15	6½	122	3	18	9½
14	0	9	0½	51	1	12	11¼	87	2	16	2¼	123	3	19	5¼
15	0	9	8¼	52	1	13	7	88	2	16	10	124	4	0	1
16	0	10	4	53	1	14	2¾	89	2	17	5¾	125	4	0	8¾
17	0	10	11¾	54	1	14	10½	90	2	18	1½	126	4	1	4½
18	0	11	7½	55	1	15	6¼	91	2	18	9¼	127	4	2	0¼
19	0	12	3¼	56	1	16	2	92	2	19	5	128	4	2	8
20	0	12	11	57	1	16	9¾	93	3	0	0¾	129	4	3	3¾
21	0	13	6¾	58	1	17	5½	94	3	0	8½	130	4	3	11½
22	0	14	2½	59	1	18	1¼	95	3	1	4¼	131	4	4	7¼
23	0	14	10¼	60	1	18	9	96	3	2	0	132	4	5	3
24	0	15	6	61	1	19	4¾	97	3	2	7¾	133	4	5	10¾
25	0	16	1¾	62	2	0	0½	98	3	3	3½	134	4	6	6½
26	0	16	9½	63	2	0	8¼	99	3	3	11¼	135	4	7	2¼
27	0	17	5¼	64	2	1	4	100	3	4	7	136	4	7	10
28	0	18	1	65	2	1	11¾	101	3	5	2¾	137	4	8	5¾
29	0	18	8¾	66	2	2	7½	102	3	5	10½	138	4	9	1½
30	0	19	4½	67	2	3	3¼	103	3	6	6¼	139	4	9	9¼
31	1	0	0½	68	2	3	11	104	3	7	2	140	4	10	5
32	1	0	8	69	2	4	6¾	105	3	7	9¾	141	4	11	0¾
33	1	1	3¾	70	2	5	2½	106	3	8	5½	142	4	11	8½
34	1	1	11½												

At Eightpence per Hour.

8d.

Hrs.	£	s.	d.	Hrs.	£	s.	d	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	2	35	1	3	4	71	2	7	4	107	3	11	4
½	0	0	4	36	1	4	0	72	2	8	0	108	3	12	0
¾	0	0	6	37	1	4	8	73	2	8	8	109	3	12	8
1	0	0	8	38	1	5	4	74	2	9	4	110	3	13	4
2	0	1	4	39	1	6	0	75	2	10	0	111	3	14	0
3	0	2	0	40	1	6	8	76	2	10	8	112	3	14	8
4	0	2	8	41	1	7	4	77	2	11	4	113	3	15	4
5	0	3	4	42	1	8	0	78	2	12	0	114	3	16	0
6	0	4	0	43	1	8	8	79	2	12	8	115	3	16	8
7	0	4	8	44	1	9	4	80	2	13	4	116	3	17	4
8	0	5	4	45	1	10	0	81	2	14	0	117	3	18	0
9	0	6	0	46	1	10	8	82	2	14	8	118	3	18	8
10	0	6	8	47	1	11	4	83	2	15	4	119	3	19	4
11	0	7	4	48	1	12	0	84	2	16	0	120	4	0	0
12	0	8	0	49	1	12	8	85	2	16	8	121	4	0	8
13	0	8	8	50	1	13	4	86	2	17	4	122	4	1	4
14	0	9	4	51	1	14	0	87	2	18	0	123	4	2	0
15	0	10	0	52	1	14	8	88	2	18	8	124	4	2	8
16	0	10	8	53	1	15	4	89	2	19	4	125	4	3	4
17	0	11	4	54	1	16	0	90	3	0	0	126	4	4	0
18	0	12	0	55	1	16	8	91	3	0	8	127	4	4	8
19	0	12	8	56	1	17	4	92	3	1	4	128	4	5	4
20	0	13	4	57	1	18	0	93	3	2	0	129	4	6	0
21	0	14	0	58	1	18	8	94	3	2	8	130	4	6	8
22	0	14	8	59	1	19	4	95	3	3	4	131	4	7	4
23	0	15	4	60	2	0	0	96	3	4	0	132	4	8	0
24	0	16	0	61	2	0	8	97	3	4	8	133	4	8	8
25	0	16	8	62	2	1	4	98	3	5	4	134	4	9	4
26	0	17	4	63	2	2	0	99	3	6	0	135	4	10	0
27	0	18	0	64	2	2	8	100	3	6	8	136	4	10	8
28	0	18	8	65	2	3	4	101	3	7	4	137	4	11	4
29	0	19	4	66	2	4	0	102	3	8	0	138	4	12	0
30	1	0	0	67	2	4	8	103	3	8	8	139	4	12	8
31	1	0	8	68	2	5	4	104	3	9	4	140	4	13	4
32	1	1	4	69	2	6	0	105	3	10	0	141	4	14	0
33	1	2	0	70	2	6	8	106	3	10	8	142	4	14	8
34	1	2	8												

At Eightpence Farthing per Hour.

8¼d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	2	35	1	4	0¾	71	2	8	9¾	107	3	13	6¾
½	0	0	4	36	1	4	9	72	2	9	6	108	3	14	3
¾	0	0	6	37	1	5	5¼	73	2	10	2¼	109	3	14	11¼
1	0	0	8¼	38	1	6	1½	74	2	10	10½	110	3	15	7½
2	0	1	4½	39	1	6	9¾	75	2	11	6¾	111	3	16	3¾
3	0	2	0¾	40	1	7	6	76	2	12	3	112	3	17	0
4	0	2	9	41	1	8	2¼	77	2	12	11¼	113	3	17	8¼
5	0	3	5¼	42	1	8	10½	78	2	13	7½	114	3	18	4½
6	0	4	1½	43	1	9	6¾	79	2	14	3¾	115	3	19	0¾
7	0	4	9¾	44	1	10	3	80	2	15	0	116	3	19	9
8	0	5	6	45	1	10	11¼	81	2	15	8¼	117	4	0	5¼
9	0	6	2¼	46	1	11	7½	82	2	16	4½	118	4	1	1½
10	0	6	10½	47	1	12	3¾	83	2	17	0¾	119	4	1	9¾
11	0	7	6¾	48	1	13	0	84	2	17	9	120	4	2	6
12	0	8	3	49	1	13	8¼	85	2	18	5¼	121	4	3	2¼
13	0	8	11¼	50	1	14	4½	86	2	19	1½	122	4	3	10½
14	0	9	7½	51	1	15	0¾	87	2	19	9¾	123	4	4	6¾
15	0	10	3¾	52	1	15	9	88	3	0	6	124	4	5	3
16	0	11	0	53	1	16	5¼	89	3	1	2¼	125	4	5	11¼
17	0	11	8¼	54	1	17	1½	90	3	1	10½	126	4	6	7½
18	0	12	4½	55	1	17	9¾	91	3	2	6¾	127	4	7	3¾
19	0	13	0¾	56	1	18	6	92	3	3	3	128	4	8	0
20	0	13	9	57	1	19	2¼	93	3	3	11¼	129	4	8	8¼
21	0	14	5¼	58	1	19	10½	94	3	4	7½	130	4	9	4½
22	0	15	1½	59	2	0	6¾	95	3	5	3¾	131	4	10	0¾
23	0	15	9¾	60	2	1	3	96	3	6	0	132	4	10	9
24	0	16	6	61	2	1	11¼	97	3	6	8¼	133	4	11	5¼
25	0	17	2¼	62	2	2	7½	98	3	7	4½	134	4	12	1½
26	0	17	10½	63	2	3	3¾	99	3	8	0¾	135	4	12	9¾
27	0	18	6¾	64	2	4	0	100	3	8	9	136	4	13	6
28	0	19	3	65	2	4	8¼	101	3	9	5¼	137	4	14	2¼
29	0	19	11¼	66	2	5	4½	102	3	10	1½	138	4	14	10½
30	1	0	7½	67	2	6	0¾	103	3	10	9¾	139	4	15	6¾
31	1	1	3¾	68	2	6	9	104	3	11	6	140	4	16	3
32	1	2	0	69	2	7	5¼	105	3	12	2¼	141	4	16	11¼
33	1	2	8¼	70	2	8	1½	106	3	12	10½	142	4	17	7½
34	1	3	4½												

At Eightpence Halfpenny per Hour.

$8\frac{1}{2}$d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
$\frac{1}{4}$	0	0	2	35	1	4	$9\frac{1}{2}$	71	2	10	$3\frac{1}{2}$	107	3	15	$9\frac{1}{2}$
$\frac{1}{2}$	0	0	$4\frac{1}{4}$	36	1	5	6	72	2	11	0	108	3	16	6
$\frac{3}{4}$	0	0	$6\frac{1}{4}$	37	1	6	$2\frac{1}{2}$	73	2	11	$8\frac{1}{2}$	109	3	17	$2\frac{1}{2}$
1	0	0	$8\frac{1}{2}$	38	1	6	11	74	2	12	5	110	3	17	11
2	0	1	5	39	1	7	$7\frac{1}{2}$	75	2	13	$1\frac{1}{2}$	111	3	18	$7\frac{1}{2}$
3	0	2	$1\frac{1}{2}$	40	1	8	4	76	2	13	10	112	3	19	4
4	0	2	10	41	1	9	$0\frac{1}{2}$	77	2	14	$6\frac{1}{2}$	113	4	0	$0\frac{1}{2}$
5	0	3	$6\frac{1}{2}$	42	1	9	9	78	2	15	3	114	4	0	9
6	0	4	3	43	1	10	$5\frac{1}{2}$	79	2	15	$11\frac{1}{2}$	115	4	1	$5\frac{1}{2}$
7	0	4	$11\frac{1}{2}$	44	1	11	2	80	2	16	8	116	4	2	2
8	0	5	8	45	1	11	$10\frac{1}{2}$	81	2	17	$4\frac{1}{2}$	117	4	2	$10\frac{1}{2}$
9	0	6	$4\frac{1}{2}$	46	1	12	7	82	2	18	1	118	4	3	7
10	0	7	1	47	1	13	$3\frac{1}{2}$	83	2	18	$9\frac{1}{2}$	119	4	4	$3\frac{1}{2}$
11	0	7	$9\frac{1}{2}$	48	1	14	0	84	2	19	6	120	4	5	0
12	0	8	6	49	1	14	$8\frac{1}{2}$	85	3	0	$2\frac{1}{2}$	121	4	5	$8\frac{1}{2}$
13	0	9	$2\frac{1}{2}$	50	1	15	5	86	3	0	11	122	4	6	5
14	0	9	11	51	1	16	$1\frac{1}{2}$	87	3	1	$7\frac{1}{2}$	123	4	7	$1\frac{1}{2}$
15	0	10	$7\frac{1}{2}$	52	1	16	10	88	3	2	4	124	4	7	10
16	0	11	4	53	1	17	$6\frac{1}{2}$	89	3	3	$0\frac{1}{2}$	125	4	8	$6\frac{1}{2}$
17	0	12	$0\frac{1}{2}$	54	1	18	3	90	3	3	9	126	4	9	3
18	0	12	9	55	1	18	$11\frac{1}{2}$	91	3	4	$5\frac{1}{2}$	127	4	9	$11\frac{1}{2}$
19	0	13	$5\frac{1}{2}$	56	1	19	8	92	3	5	2	128	4	10	8
20	0	14	2	57	2	0	$4\frac{1}{2}$	93	3	5	$10\frac{1}{2}$	129	4	11	$4\frac{1}{2}$
21	0	14	$10\frac{1}{2}$	58	2	1	1	94	3	6	7	130	4	12	1
22	0	15	7	59	2	1	$9\frac{1}{2}$	95	3	7	$3\frac{1}{2}$	131	4	12	$9\frac{1}{2}$
23	0	16	$3\frac{1}{2}$	60	2	2	6	96	3	8	0	132	4	13	6
24	0	17	0	61	2	3	$2\frac{1}{2}$	97	3	8	$8\frac{1}{2}$	133	4	14	$2\frac{1}{2}$
25	0	17	$8\frac{1}{2}$	62	2	3	11	98	3	9	5	134	4	14	11
26	0	18	5	63	2	4	$7\frac{1}{2}$	99	3	10	$1\frac{1}{2}$	135	4	15	$7\frac{1}{2}$
27	0	19	$1\frac{1}{2}$	64	2	5	4	100	3	10	10	136	4	16	4
28	0	19	10	65	2	6	$0\frac{1}{2}$	101	3	11	$6\frac{1}{2}$	137	4	17	$0\frac{1}{2}$
29	1	0	$6\frac{1}{2}$	66	2	6	9	102	3	12	3	138	4	17	9
30	1	1	3	67	2	7	$5\frac{1}{2}$	103	3	12	$11\frac{1}{2}$	139	4	18	$5\frac{1}{2}$
31	1	1	$11\frac{1}{2}$	68	2	8	2	104	3	13	8	140	4	19	2
32	1	2	8	69	2	8	$10\frac{1}{2}$	105	3	14	$4\frac{1}{2}$	141	4	19	$10\frac{1}{2}$
33	1	3	$4\frac{1}{2}$	70	2	9	7	106	3	15	1	142	5	0	7
34	1	4	1												

At Eightpence Three Farthings per Hour.

8¾d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	2	35	1	5	6¼	71	2	11	9¼	107	3	18	0¼
½	0	0	4½	36	1	6	3	72	2	12	6	108	3	18	9
¾	0	0	6¾	37	1	6	11¾	73	2	13	2¾	109	3	19	5¾
1	0	0	8¾	38	1	7	8½	74	2	13	11½	110	4	0	2½
2	0	1	5½	39	1	8	5¼	75	2	14	8¼	111	4	0	11¼
3	0	2	2¼	40	1	9	2	76	2	15	5	112	4	1	8
4	0	2	11	41	1	9	10¾	77	2	16	1¾	113	4	2	4¾
5	0	3	7¾	42	1	10	7½	78	2	16	10½	114	4	3	1½
6	0	4	4½	43	1	11	4¼	79	2	17	7¼	115	4	3	10¼
7	0	5	1¼	44	1	12	1	80	2	18	4	116	4	4	7
8	0	5	10	45	1	12	9¾	81	2	19	0¾	117	4	5	3¾
9	0	6	6¾	46	1	13	6½	82	2	19	9½	118	4	6	0½
10	0	7	3½	47	1	14	3¼	83	3	0	6¼	119	4	6	9¼
11	0	8	0¼	48	1	15	0	84	3	1	3	120	4	7	6
12	0	8	9	49	1	15	8¾	85	3	1	11¾	121	4	8	2¾
13	0	9	5¾	50	1	16	5½	86	3	2	8½	122	4	8	11½
14	0	10	2½	51	1	17	2¼	87	3	3	5¼	123	4	9	8¼
15	0	10	11¼	52	1	17	11	88	3	4	2	124	4	10	5
16	0	11	8	53	1	18	7¾	89	3	4	10¾	125	4	11	1¾
17	0	12	4¾	54	1	19	4½	90	3	5	7½	126	4	11	10½
18	0	13	1½	55	2	0	1¼	91	3	6	4¼	127	4	12	7¼
19	0	13	10¼	56	2	0	10	92	3	7	1	128	4	13	4
20	0	14	7	57	2	1	6¾	93	3	7	9¾	129	4	14	0¾
21	0	15	3¾	58	2	2	3½	94	3	8	6½	130	4	14	9½
22	0	16	0½	59	2	3	0¼	95	3	9	3¼	131	4	15	6¼
23	0	16	9¼	60	2	3	9	96	3	10	0	132	4	16	3
24	0	17	6	61	2	4	5¾	97	3	10	8¾	133	4	16	11¾
25	0	18	2¾	62	2	5	2½	98	3	11	5½	134	4	17	8½
26	0	18	11½	63	2	5	11¼	99	3	12	2¼	135	4	18	5¼
27	0	19	8¼	64	2	6	8	100	3	12	11	136	4	19	2
28	1	0	5	65	2	7	4¾	101	3	13	7¾	137	4	19	10¾
29	1	1	1¾	66	2	8	1½	102	3	14	4½	138	5	0	7½
30	1	1	10½	67	2	8	10¼	103	3	15	1¼	139	5	1	4¼
31	1	2	7¼	68	2	9	7	104	3	15	10	140	5	2	1
32	1	3	4	69	2	10	3¾	105	3	16	6¾	141	5	2	9¾
33	1	4	0¾	70	2	11	0½	106	3	17	3½	142	5	3	6½
34	1	4	9½												

At Ninepence per Hour.

9d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	2¼	35	1	6	3	71	2	13	3	107	4	0	3
½	0	0	4½	36	1	7	0	72	2	14	0	108	4	1	0
¾	0	0	6¾	37	1	7	9	73	2	14	9	109	4	1	9
1	0	0	9	38	1	8	6	74	2	15	6	110	4	2	6
2	0	1	6	39	1	9	3	75	2	16	3	111	4	3	3
3	0	2	3	40	1	10	0	76	2	17	0	112	4	4	0
4	0	3	0	41	1	10	9	77	2	17	9	113	4	4	9
5	0	3	9	42	1	11	6	78	2	18	6	114	4	5	6
6	0	4	6	43	1	12	3	79	2	19	3	115	4	6	3
7	0	5	3	44	1	13	0	80	3	0	0	116	4	7	0
8	0	6	0	45	1	13	9	81	3	0	9	117	4	7	9
9	0	6	9	46	1	14	6	82	3	1	6	118	4	8	6
10	0	7	6	47	1	15	3	83	3	2	3	119	4	9	3
11	0	8	3	48	1	16	0	84	3	3	0	120	4	10	0
12	0	9	0	49	1	16	9	85	3	3	9	121	4	10	9
13	0	9	9	50	1	17	6	86	3	4	6	122	4	11	6
14	0	10	6	51	1	18	3	87	3	5	3	123	4	12	3
15	0	11	3	52	1	19	0	88	3	6	0	124	4	13	0
16	0	12	0	53	1	19	9	89	3	6	9	125	4	13	9
17	0	12	9	54	2	0	6	90	3	7	6	126	4	14	6
18	0	13	6	55	2	1	3	91	3	8	3	127	4	15	3
19	0	14	3	56	2	2	0	92	3	9	0	128	4	16	0
20	0	15	0	57	2	2	9	93	3	9	9	129	4	16	9
21	0	15	9	58	2	3	6	94	3	10	6	130	4	17	6
22	0	16	6	59	2	4	3	95	3	11	3	131	4	18	3
23	0	17	3	60	2	5	0	96	3	12	0	132	4	19	0
24	0	18	0	61	2	5	9	97	3	12	9	133	4	19	9
25	0	18	9	62	2	6	6	98	3	13	6	134	5	0	6
26	0	19	6	63	2	7	3	99	3	14	3	135	5	1	3
27	1	0	3	64	2	8	0	100	3	15	0	136	5	2	0
28	1	1	0	65	2	8	9	101	3	15	9	137	5	2	9
29	1	1	9	66	2	9	6	102	3	16	6	138	5	3	6
30	1	2	6	67	2	10	3	103	3	17	3	139	5	4	3
31	1	3	3	68	2	11	0	104	3	18	0	140	5	5	0
32	1	4	0	69	2	11	9	105	3	18	9	141	5	5	9
33	1	4	9	70	2	12	6	106	3	19	6	142	5	6	6
34	1	5	6												

At Ninepence Farthing per Hour.

$9\frac{1}{4}$d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
$\frac{1}{4}$	0	0	$2\frac{1}{4}$	35	1	6	$11\frac{3}{4}$	71	2	14	$8\frac{3}{4}$	107	4	2	$5\frac{3}{4}$
$\frac{1}{2}$	0	0	$4\frac{1}{2}$	36	1	7	9	72	2	15	6	108	4	3	3
$\frac{3}{4}$	0	0	$6\frac{3}{4}$	37	1	8	$6\frac{1}{4}$	73	2	16	$3\frac{1}{4}$	109	4	4	$0\frac{1}{4}$
1	0	0	$9\frac{1}{4}$	38	1	9	$3\frac{1}{2}$	74	2	17	$0\frac{1}{2}$	110	4	4	$9\frac{1}{2}$
2	0	1	$6\frac{1}{2}$	39	1	10	$0\frac{3}{4}$	75	2	17	$9\frac{3}{4}$	111	4	5	$6\frac{3}{4}$
3	0	2	$3\frac{3}{4}$	40	1	10	10	76	2	18	7	112	4	6	4
4	0	3	1	41	1	11	$7\frac{1}{4}$	77	2	19	$4\frac{1}{4}$	113	4	7	$1\frac{1}{4}$
5	0	3	$10\frac{1}{4}$	42	1	12	$4\frac{1}{2}$	78	3	0	$1\frac{1}{2}$	114	4	7	$10\frac{1}{2}$
6	0	4	$7\frac{1}{2}$	43	1	13	$1\frac{3}{4}$	79	3	0	$10\frac{3}{4}$	115	4	8	$7\frac{3}{4}$
7	0	5	$4\frac{3}{4}$	44	1	13	11	80	3	1	8	116	4	9	5
8	0	6	2	45	1	14	$8\frac{1}{4}$	81	3	2	$5\frac{1}{4}$	117	4	10	$2\frac{1}{4}$
9	0	6	$11\frac{1}{4}$	46	1	15	$5\frac{1}{2}$	82	3	3	$2\frac{1}{2}$	118	4	10	$11\frac{1}{2}$
10	0	7	$8\frac{1}{2}$	47	1	16	$2\frac{3}{4}$	83	3	3	$11\frac{3}{4}$	119	4	11	$8\frac{3}{4}$
11	0	8	$5\frac{3}{4}$	48	1	17	0	84	3	4	9	120	4	12	6
12	0	9	3	49	1	17	$9\frac{1}{4}$	85	3	5	$6\frac{1}{4}$	121	4	13	$3\frac{1}{4}$
13	0	10	$0\frac{1}{4}$	50	1	18	$6\frac{1}{2}$	86	3	6	$3\frac{1}{2}$	122	4	14	$0\frac{1}{2}$
14	0	10	$9\frac{1}{2}$	51	1	19	$3\frac{3}{4}$	87	3	7	$0\frac{3}{4}$	123	4	14	$9\frac{3}{4}$
15	0	11	$6\frac{3}{4}$	52	2	0	1	88	3	7	10	124	4	15	7
16	0	12	4	53	2	0	$10\frac{1}{4}$	89	3	8	$7\frac{1}{4}$	125	4	16	$4\frac{1}{4}$
17	0	13	$1\frac{1}{4}$	54	2	1	$7\frac{1}{2}$	90	3	9	$4\frac{1}{2}$	126	4	17	$1\frac{1}{2}$
18	0	13	$10\frac{1}{2}$	55	2	2	$4\frac{3}{4}$	91	3	10	$1\frac{3}{4}$	127	4	17	$10\frac{3}{4}$
19	0	14	$7\frac{3}{4}$	56	2	3	2	92	3	10	11	128	4	18	8
20	0	15	5	57	2	3	$11\frac{1}{4}$	93	3	11	$8\frac{1}{4}$	129	4	19	$5\frac{1}{4}$
21	0	16	$2\frac{1}{4}$	58	2	4	$8\frac{1}{2}$	94	3	12	$5\frac{1}{2}$	130	5	0	$2\frac{1}{2}$
22	0	16	$11\frac{1}{2}$	59	2	5	$5\frac{3}{4}$	95	3	13	$2\frac{3}{4}$	131	5	0	$11\frac{3}{4}$
23	0	17	$8\frac{3}{4}$	60	2	6	3	96	3	14	0	132	5	1	9
24	0	18	6	61	2	7	$0\frac{1}{4}$	97	3	14	$9\frac{1}{4}$	133	5	2	$6\frac{1}{4}$
25	0	19	$3\frac{1}{4}$	62	2	7	$9\frac{1}{2}$	98	3	15	$6\frac{1}{2}$	134	5	3	$3\frac{1}{2}$
26	1	0	$0\frac{1}{2}$	63	2	8	$6\frac{3}{4}$	99	3	16	$3\frac{3}{4}$	135	5	4	$0\frac{3}{4}$
27	1	0	$9\frac{3}{4}$	64	2	9	4	100	3	17	1	136	5	4	10
28	1	1	7	65	2	10	$1\frac{1}{4}$	101	3	17	$10\frac{1}{4}$	137	5	5	$7\frac{1}{4}$
29	1	2	$4\frac{1}{4}$	66	2	10	$10\frac{1}{2}$	102	3	18	$7\frac{1}{2}$	138	5	6	$4\frac{1}{2}$
30	1	3	$1\frac{1}{2}$	67	2	11	$7\frac{3}{4}$	103	3	19	$4\frac{3}{4}$	139	5	7	$1\frac{3}{4}$
31	1	3	$10\frac{3}{4}$	68	2	12	5	104	4	0	2	140	5	7	11
32	1	4	8	69	2	13	$2\frac{1}{4}$	105	4	0	$11\frac{1}{4}$	141	5	8	$8\frac{1}{4}$
33	1	5	$5\frac{1}{4}$	70	2	13	$11\frac{1}{2}$	106	4	1	$8\frac{1}{2}$	142	5	9	$5\frac{1}{2}$
34	1	6	$2\frac{1}{2}$												

At Ninepence Halfpenny per Hour.

9½d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	2¼	35	1	7	8½	71	2	16	2½	107	4	4	8½
½	0	0	4¾	36	1	8	6	72	2	17	0	108	4	5	6
¾	0	0	7	37	1	9	3½	73	2	17	9½	109	4	6	3½
1	0	0	9½	38	1	10	1	74	2	18	7	110	4	7	1
2	0	1	7	39	1	10	10½	75	2	19	4½	111	4	7	10½
3	0	2	4½	40	1	11	8	76	3	0	2	112	4	8	8
4	0	3	2	41	1	12	5½	77	3	0	11½	113	4	9	5½
5	0	3	11½	42	1	13	3	78	3	1	9	114	4	10	3
6	0	4	9	43	1	14	0½	79	3	2	6½	115	4	11	0½
7	0	5	6½	44	1	14	10	80	3	3	4	116	4	11	10
8	0	6	4	45	1	15	7½	81	3	4	1½	117	4	12	7½
9	0	7	1½	46	1	16	5	82	3	4	11	118	4	13	5
10	0	7	11	47	1	17	2½	83	3	5	8½	119	4	14	2½
11	0	8	8½	48	1	18	0	84	3	6	6	120	4	15	0
12	0	9	6	49	1	18	9½	85	3	7	3½	121	4	15	9½
13	0	10	3½	50	1	19	7	86	3	8	1	122	4	16	7
14	0	11	1	51	2	0	4½	87	3	8	10½	123	4	17	4½
15	0	11	10½	52	2	1	2	88	3	9	8	124	4	18	2
16	0	12	8	53	2	1	11½	89	3	10	5½	125	4	18	11½
17	0	13	5½	54	2	2	9	90	3	11	3	126	4	19	9
18	0	14	3	55	2	3	6½	91	3	12	0½	127	5	0	6½
19	0	15	0½	56	2	4	4	92	3	12	10	128	5	1	4
20	0	15	10	57	2	5	1½	93	3	13	7½	129	5	2	1½
21	0	16	7½	58	2	5	11	94	3	14	5	130	5	2	11
22	0	17	5	59	2	6	8½	95	3	15	2½	131	5	3	8½
23	0	18	2½	60	2	7	6	96	3	16	0	132	5	4	6
24	0	19	0	61	2	8	3½	97	3	16	9½	133	5	5	3½
25	0	19	9½	62	2	9	1	98	3	17	7	134	5	6	1
26	1	0	7	63	2	9	10½	99	3	18	4½	135	5	6	10½
27	1	1	4½	64	2	10	8	100	3	19	2	136	5	7	7
28	1	2	2	65	2	11	5½	101	3	19	11½	137	5	8	4½
29	1	2	11½	66	2	12	3	102	4	0	9	138	5	9	3
30	1	3	9	67	2	13	0½	103	4	1	6½	139	5	10	0½
31	1	4	6½	68	2	13	10	104	4	2	4	140	5	10	10
32	1	5	4	69	2	14	7½	105	4	3	1½	141	5	11	7½
33	1	6	1½	70	2	15	5	106	4	3	11	142	5	12	5
34	1	6	11												

At Ninepence Three Farthings per Hour

9¾d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	2¼	35	1	8	5¼	71	2	17	8¼	107	4	6	11¼
½	0	0	4¾	36	1	9	3	72	2	18	6	108	4	7	9
¾	0	0	7¼	37	1	10	0¾	73	2	19	3¾	109	4	8	6¾
1	0	0	9¾	38	1	10	10½	74	3	0	1½	110	4	9	4½
2	0	1	7½	39	1	11	8¼	75	3	0	11¼	111	4	10	2¼
3	0	2	5¼	40	1	12	6	76	3	1	9	112	4	11	0
4	0	3	3	41	1	13	3¾	77	3	2	6¾	113	4	11	9¾
5	0	4	0¾	42	1	14	1½	78	3	3	4½	114	4	12	7½
6	0	4	10½	43	1	14	11¼	79	3	4	2¼	115	4	13	5¼
7	0	5	8¼	44	1	15	9	80	3	5	0	116	4	14	3
8	0	6	6	45	1	16	6¾	81	3	5	9¾	117	4	15	0¾
9	0	7	3¾	46	1	17	4½	82	3	6	7½	118	4	15	10½
10	0	8	1½	47	1	18	2¼	83	3	7	5¼	119	4	16	8¼
11	0	8	11¼	48	1	19	0	84	3	8	3	120	4	17	6
12	0	9	9	49	1	19	9¾	85	3	9	0¾	121	4	18	3¾
13	0	10	6¾	50	2	0	7½	86	3	9	10½	122	4	19	1½
14	0	11	4½	51	2	1	5¼	87	3	10	8¼	123	4	19	11¼
15	0	12	2¼	52	2	2	3	88	3	11	6	124	5	0	9
16	0	13	0	53	2	3	0¾	89	3	12	3¾	125	5	1	6¾
17	0	13	9¾	54	2	3	10½	90	3	13	1½	126	5	2	4½
18	0	14	7½	55	2	4	8¼	91	3	13	11¼	127	5	3	2¼
19	0	15	5¼	56	2	5	6	92	3	14	9	128	5	4	0
20	0	16	3	57	2	6	3¾	93	3	15	6¾	129	5	4	9¾
21	0	17	0¾	58	2	7	1½	94	3	16	4½	130	5	5	7½
22	0	17	10½	59	2	7	11¼	95	3	17	2¼	131	5	6	5¼
23	0	18	8¼	60	2	8	9	96	3	18	0	132	5	7	3
24	0	19	6	61	2	9	6¾	97	3	18	9¾	133	5	8	0¾
25	1	0	3¾	62	2	10	4½	98	3	19	7½	134	5	8	10½
26	1	1	1½	63	2	11	2¼	99	4	0	5¼	135	5	9	8¼
27	1	1	11¼	64	2	12	0	100	4	1	3	136	5	10	6
28	1	2	9	65	2	12	9¾	101	4	2	0¾	137	5	11	3¾
29	1	3	6¾	66	2	13	7½	102	4	2	10½	138	5	12	1½
30	1	4	4½	67	2	14	5¼	103	4	3	8¼	139	5	12	11¼
31	1	5	2¼	68	2	15	3	104	4	4	6	140	5	13	9
32	1	6	0	69	2	16	0¾	105	4	5	3¾	141	5	14	6¾
33	1	6	9¾	70	2	16	10½	106	4	6	1½	142	5	15	4½
34	1	7	7½												

At Tenpence per Hour.

10d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	2½	35	1	9	2	71	2	19	2	107	4	9	2
½	0	0	5	36	1	10	0	72	3	0	0	108	4	10	0
¾	0	0	7½	37	1	10	10	73	3	0	10	109	4	10	10
1	0	0	10	38	1	11	8	74	3	1	8	110	4	11	8
2	0	1	8	39	1	12	6	75	3	2	6	111	4	12	6
3	0	2	6	40	1	13	4	76	3	3	4	112	4	13	4
4	0	3	4	41	1	14	2	77	3	4	2	113	4	14	2
5	0	4	2	42	1	15	0	78	3	5	0	114	4	15	0
6	0	5	0	43	1	15	10	79	3	5	10	115	4	15	10
7	0	5	10	44	1	16	8	80	3	6	8	116	4	16	8
8	0	6	8	45	1	17	6	81	3	7	6	117	4	17	6
9	0	7	6	46	1	18	4	82	3	8	4	118	4	18	4
10	0	8	4	47	1	19	2	83	3	9	2	119	4	19	2
11	0	9	2	48	2	0	0	84	3	10	0	120	5	0	0
12	0	10	0	49	2	0	10	85	3	10	10	121	5	0	10
13	0	10	10	50	2	1	8	86	3	11	8	122	5	1	8
14	0	11	8	51	2	2	6	87	3	12	6	123	5	2	6
15	0	12	6	52	2	3	4	88	3	13	4	124	5	3	4
16	0	13	4	53	2	4	2	89	3	14	2	125	5	4	2
17	0	14	2	54	2	5	0	90	3	15	0	126	5	5	0
18	0	15	0	55	2	5	10	91	3	15	10	127	5	5	10
19	0	15	10	56	2	6	8	92	3	16	8	128	5	6	8
20	0	16	8	57	2	7	6	93	3	17	6	129	5	7	6
21	0	17	6	58	2	8	4	94	3	18	4	130	5	8	4
22	0	18	4	59	2	9	2	95	3	19	2	131	5	9	2
23	0	19	2	60	2	10	0	96	4	0	0	132	5	10	0
24	1	0	0	61	2	10	10	97	4	0	10	133	5	10	10
25	1	0	10	62	2	11	8	98	4	1	8	134	5	11	8
26	1	1	8	63	2	12	6	99	4	2	6	135	5	12	6
27	1	2	6	64	2	13	4	100	4	3	4	136	5	13	4
28	1	3	4	65	2	14	2	101	4	4	2	137	5	14	2
29	1	4	2	66	2	15	0	102	4	5	0	138	5	15	0
30	1	5	0	67	2	15	10	103	4	5	10	139	5	15	10
31	1	5	10	68	2	16	8	104	4	6	8	140	5	16	8
32	1	6	8	69	2	17	6	105	4	7	6	141	5	17	6
33	1	7	6	70	2	18	4	106	4	8	4	142	5	18	4
34	1	8	4												

At Tenpence Farthing per Hour.

$10\frac{1}{4}$d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
$\frac{1}{4}$	0	0	$2\frac{3}{4}$	35	1	9	$10\frac{3}{4}$	71	3	0	$7\frac{3}{4}$	107	4	11	$4\frac{3}{4}$
$\frac{1}{2}$	0	0	5	36	1	10	9	72	3	1	6	108	4	12	3
$\frac{3}{4}$	0	0	$7\frac{1}{2}$	37	1	11	$7\frac{1}{4}$	73	3	2	$4\frac{1}{4}$	109	4	13	$1\frac{1}{4}$
1	0	0	$10\frac{1}{2}$	38	1	12	$5\frac{1}{2}$	74	3	3	$2\frac{1}{2}$	110	4	13	$11\frac{1}{2}$
2	0	1	$8\frac{1}{2}$	39	1	13	$3\frac{3}{4}$	75	3	4	$0\frac{3}{4}$	111	4	14	$9\frac{3}{4}$
3	0	2	$6\frac{3}{4}$	40	1	14	2	76	3	4	11	112	4	15	8
4	0	3	5	41	1	15	$0\frac{1}{4}$	77	3	5	$9\frac{1}{4}$	113	4	16	$6\frac{1}{4}$
5	0	4	$3\frac{1}{2}$	42	1	15	$10\frac{1}{2}$	78	3	6	$7\frac{1}{2}$	114	4	17	$4\frac{1}{2}$
6	0	5	$1\frac{1}{2}$	43	1	16	$8\frac{3}{4}$	79	3	7	$5\frac{3}{4}$	115	4	18	$2\frac{3}{4}$
7	0	5	$11\frac{3}{4}$	44	1	17	7	80	3	8	4	116	4	19	1
8	0	6	10	45	1	18	$5\frac{1}{4}$	81	3	9	$2\frac{1}{4}$	117	4	19	$11\frac{1}{4}$
9	0	7	$8\frac{1}{4}$	46	1	19	$3\frac{1}{2}$	82	3	10	$0\frac{1}{2}$	118	5	0	$9\frac{1}{2}$
10	0	8	$6\frac{1}{2}$	47	2	0	$1\frac{3}{4}$	83	3	10	$10\frac{3}{4}$	119	5	1	$7\frac{3}{4}$
11	0	9	$4\frac{3}{4}$	48	2	1	0	84	3	11	9	120	5	2	6
12	0	10	3	49	2	1	$10\frac{1}{4}$	85	3	12	$7\frac{1}{4}$	121	5	3	$4\frac{1}{4}$
13	0	11	$1\frac{1}{4}$	50	2	2	$8\frac{1}{2}$	86	3	13	$5\frac{1}{2}$	122	5	4	$2\frac{1}{2}$
14	0	11	$11\frac{1}{2}$	51	2	3	$6\frac{3}{4}$	87	3	14	$3\frac{3}{4}$	123	5	5	$0\frac{3}{4}$
15	0	12	$9\frac{3}{4}$	52	2	4	5	88	3	15	2	124	5	5	11
16	0	13	8	53	2	5	$3\frac{1}{4}$	89	3	16	$0\frac{1}{4}$	125	5	6	$9\frac{1}{4}$
17	0	14	$6\frac{1}{4}$	54	2	6	$1\frac{1}{2}$	90	3	16	$10\frac{1}{2}$	126	5	7	$7\frac{1}{2}$
18	0	15	$4\frac{1}{2}$	55	2	6	$11\frac{3}{4}$	91	3	17	$8\frac{3}{4}$	127	5	8	$5\frac{3}{4}$
19	0	16	$2\frac{3}{4}$	56	2	7	10	92	3	18	7	128	5	9	4
20	0	17	1	57	2	8	$8\frac{1}{4}$	93	3	19	$5\frac{1}{4}$	129	5	10	$2\frac{1}{4}$
21	0	17	$11\frac{1}{4}$	58	2	9	$6\frac{1}{2}$	94	4	0	$3\frac{1}{2}$	130	5	11	$0\frac{1}{2}$
22	0	18	$9\frac{1}{2}$	59	2	10	$4\frac{3}{4}$	95	4	1	$1\frac{3}{4}$	131	5	11	$10\frac{3}{4}$
23	0	19	$7\frac{3}{4}$	60	2	11	3	96	4	2	0	132	5	12	9
24	1	0	6	61	2	12	$1\frac{1}{4}$	97	4	2	$10\frac{1}{4}$	133	5	13	$7\frac{1}{4}$
25	1	1	$4\frac{1}{4}$	62	2	12	$11\frac{1}{2}$	98	4	3	$8\frac{1}{2}$	134	5	14	$5\frac{1}{2}$
26	1	2	$2\frac{1}{2}$	63	2	13	$9\frac{3}{4}$	99	4	4	$6\frac{3}{4}$	135	5	15	$3\frac{3}{4}$
27	1	3	$0\frac{3}{4}$	64	2	14	8	100	4	5	5	136	5	16	2
28	1	3	11	65	2	15	$6\frac{1}{4}$	101	4	6	$3\frac{1}{4}$	137	5	17	$0\frac{1}{4}$
29	1	4	$9\frac{1}{4}$	66	2	16	$4\frac{1}{2}$	102	4	7	$1\frac{1}{2}$	138	5	17	$10\frac{1}{2}$
30	1	5	$7\frac{1}{2}$	67	2	17	$2\frac{3}{4}$	103	4	7	$11\frac{3}{4}$	139	5	18	$8\frac{3}{4}$
31	1	6	$5\frac{3}{4}$	68	2	18	1	104	4	8	10	140	5	19	7
32	1	7	4	69	2	18	$11\frac{1}{4}$	105	4	9	$8\frac{1}{4}$	141	6	0	$5\frac{1}{4}$
33	1	8	$2\frac{1}{4}$	70	2	19	$9\frac{1}{2}$	106	4	10	$6\frac{1}{2}$	142	6	1	$4\frac{1}{2}$
34	1	9	$0\frac{1}{2}$												

At Tenpence Halfpenny per Hour.

10½d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	2½	35	1	10	7½	71	3	2	1½	107	4	13	7½
½	0	0	5¼	36	1	11	6	72	3	3	0	108	4	14	6
¾	0	0	7¾	37	1	12	4½	73	3	3	10½	109	4	15	4½
1	0	0	10½	38	1	13	3	74	3	4	9	110	4	16	3
2	0	1	9	39	1	14	1½	75	3	5	7½	111	4	17	1½
3	0	2	7½	40	1	15	0	76	3	6	6	112	4	18	0
4	0	3	6	41	1	15	10½	77	3	7	4½	113	4	18	10½
5	0	4	4½	42	1	16	9	78	3	8	3	114	4	19	9
6	0	5	3	43	1	17	7½	79	3	9	1½	115	5	0	7½
7	0	6	1½	44	1	18	6	80	3	10	0	116	5	1	6
8	0	7	0	45	1	19	4½	81	3	10	10½	117	5	2	4½
9	0	7	10½	46	2	0	3	82	3	11	9	118	5	3	3
10	0	8	9	47	2	1	1½	83	3	12	7½	119	5	4	1½
11	0	9	7½	48	2	2	0	84	3	13	6	120	5	5	0
12	0	10	6	49	2	2	10½	85	3	14	4½	121	5	5	10½
13	0	11	4½	50	2	3	9	86	3	15	3	122	5	6	9
14	0	12	3	51	2	4	7½	87	3	16	1½	123	5	7	7½
15	0	13	1½	52	2	5	6	88	3	17	0	124	5	8	6
16	0	14	0	53	2	6	4½	89	3	17	10½	125	5	9	4½
17	0	14	10½	54	2	7	3	90	3	18	9	126	5	10	3
18	0	15	9	55	2	8	1½	91	3	19	7½	127	5	11	1½
19	0	16	7½	56	2	9	0	92	4	0	6	128	5	12	0
20	0	17	6	57	2	9	10½	93	4	1	4½	129	5	12	10½
21	0	18	4½	58	2	10	9	94	4	2	3	130	5	13	9
22	0	19	3	59	2	11	7½	95	4	3	1½	131	5	14	7½
23	1	0	1½	60	2	12	6	96	4	4	0	132	5	15	6
24	1	1	0	61	2	13	4½	97	4	4	10½	133	5	16	4½
25	1	1	10½	62	2	14	3	98	4	5	9	134	5	17	3
26	1	2	9	63	2	15	1½	99	4	6	7½	135	5	18	1½
27	1	3	7½	64	2	16	0	100	4	7	6	136	5	19	0
28	1	4	6	65	2	16	10½	101	4	8	4½	137	5	19	10½
29	1	5	4½	66	2	17	9	102	4	9	3	138	6	0	9
30	1	6	3	67	2	18	7½	103	4	10	1½	139	6	1	7½
31	1	7	1½	68	2	19	6	104	4	11	0	140	6	2	6
32	1	8	0	69	3	0	4½	105	4	11	10½	141	6	3	4½
33	1	8	10½	70	3	1	3	106	4	12	9	142	6	4	3
34	1	9	9												

At Tenpence Three Farthings per Hour.

10¾d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	2½	35	1	11	4¼	71	3	3	7¼	107	4	15	10¼
½	0	0	5¼	36	1	12	3	72	3	4	6	108	4	16	9
¾	0	0	8	37	1	13	1¾	73	3	5	4¾	109	4	17	7¾
1	0	0	10¾	38	1	14	0½	74	3	6	3½	110	4	18	6½
2	0	1	9½	39	1	14	11¼	75	3	7	2¼	111	4	19	5¼
3	0	2	8¼	40	1	15	10	76	3	8	1	112	5	0	4
4	0	3	7	41	1	16	8¾	77	3	8	11¾	113	5	1	2¾
5	0	4	5¾	42	1	17	7½	78	3	9	10½	114	5	2	1½
6	0	5	4½	43	1	18	6¼	79	3	10	9¼	115	5	3	0¼
7	0	6	3¼	44	1	19	5	80	3	11	8	116	5	3	11
8	0	7	2	45	2	0	3¾	81	3	12	6¾	117	5	4	9¾
9	0	8	0¾	46	2	1	2½	82	3	13	5½	118	5	5	8½
10	0	8	11½	47	2	2	1¼	83	3	14	4¼	119	5	6	7¼
11	0	9	10¼	48	2	3	0	84	3	15	3	120	5	7	6
12	0	10	9	49	2	3	10¾	85	3	16	1¾	121	5	8	4¾
13	0	11	7¾	50	2	4	9½	86	3	17	0½	122	5	9	3½
14	0	12	6½	51	2	5	8¼	87	3	17	11¼	123	5	10	2¼
15	0	13	5¼	52	2	6	7	88	3	18	10	124	5	11	1
16	0	14	4	53	2	7	5¾	89	3	19	8¾	125	5	11	11¾
17	0	15	2¾	54	2	8	4½	90	4	0	7½	126	5	12	10½
18	0	16	1½	55	2	9	3¼	91	4	1	6¼	127	5	13	9
19	0	17	0¼	56	2	10	2	92	4	2	5	128	5	14	8
20	0	17	11	57	2	11	0¾	93	4	3	3¾	129	5	15	6¾
21	0	18	9¾	58	2	11	11½	94	4	4	2½	130	5	16	5½
22	0	19	8½	59	2	12	10¼	95	4	5	1¼	131	5	17	4¼
23	1	0	7¼	60	2	13	9	96	4	6	0	132	5	18	3
24	1	1	6	61	2	14	7¾	97	4	6	10¾	133	5	19	1¾
25	1	2	4¾	62	2	15	6½	98	4	7	9½	134	6	0	0½
26	1	3	3½	63	2	16	5¼	99	4	8	8¼	135	6	0	11¼
27	1	4	2¼	64	2	17	4	100	4	9	7	136	6	1	10
28	1	5	1	65	2	18	2¾	101	4	10	5¾	137	6	2	8¾
29	1	5	11¾	66	2	19	1½	102	4	11	4½	138	6	3	7½
30	1	6	10½	67	3	0	0¼	103	4	12	3¼	139	6	4	6¼
31	1	7	9¼	68	3	0	11	104	4	13	2	140	6	5	5
32	1	8	8	69	3	1	9¾	105	4	14	0¾	141	6	6	3¾
33	1	9	6¾	70	3	2	8½	106	4	14	11½	142	6	7	2½
34	1	10	5½												

At Elevenpence per Hour.

11d.

Hrs	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	2¾	35	1	12	1	71	3	5	1	107	4	18	1
½	0	0	5½	36	1	13	0	72	3	6	0	108	4	19	0
¾	0	0	7¾	37	1	13	11	73	3	6	11	109	4	19	11
1	0	0	11	38	1	14	10	74	3	7	10	110	5	0	10
2	0	1	10	39	1	15	9	75	3	8	9	111	5	1	9
3	0	2	9	40	1	16	8	76	3	9	8	112	5	2	8
4	0	3	8	41	1	17	7	77	3	10	7	113	5	3	7
5	0	4	7	42	1	18	6	78	3	11	6	114	5	4	6
6	0	5	6	43	1	19	5	79	3	12	5	115	5	5	5
7	0	6	5	44	2	0	4	80	3	13	4	116	5	6	4
8	0	7	4	45	2	1	3	81	3	14	3	117	5	7	3
9	0	8	3	46	2	2	2	82	3	15	2	118	5	8	2
10	0	9	2	47	2	3	1	83	3	16	1	119	5	9	1
11	0	10	1	48	2	4	0	84	3	17	0	120	5	10	0
12	0	11	0	49	2	4	11	85	3	17	11	121	5	10	11
13	0	11	11	50	2	5	10	86	3	18	10	122	5	11	10
14	0	12	10	51	2	6	9	87	3	19	9	123	5	12	9
15	0	13	9	52	2	7	8	88	4	0	8	124	5	13	8
16	0	14	8	53	2	8	7	89	4	1	7	125	5	14	7
17	0	15	7	54	2	9	6	90	4	2	6	126	5	15	6
18	0	16	6	55	2	10	5	91	4	3	5	127	5	16	5
19	0	17	5	56	2	11	4	92	4	4	4	128	5	17	4
20	0	18	4	57	2	12	3	93	4	5	3	129	5	18	3
21	0	19	3	58	2	13	2	94	4	6	2	130	5	19	2
22	1	0	2	59	2	14	1	95	4	7	1	131	6	0	1
23	1	1	1	60	2	15	0	96	4	8	0	132	6	1	0
24	1	2	0	61	2	15	11	97	4	8	11	133	6	1	11
25	1	2	11	62	2	16	10	98	4	9	10	134	6	2	10
26	1	3	10	63	2	17	9	99	4	10	9	135	6	3	9
27	1	4	9	64	2	18	8	100	4	11	8	136	6	4	8
28	1	5	8	65	2	19	7	101	4	12	7	137	6	5	7
29	1	6	7	66	3	0	6	102	4	13	6	138	6	6	6
30	1	7	6	67	3	1	5	103	4	14	5	139	6	7	5
31	1	8	5	68	3	2	4	104	4	15	4	140	6	8	4
32	1	9	4	69	3	3	3	105	4	16	3	141	6	9	3
33	1	10	3	70	3	4	2	106	4	17	2	142	6	10	2
34	1	11	2												

At Elevenpence Farthing per Hour.

11¼d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	2¼	35	1	12	9¾	71	3	6	6¾	107	5	0	3¾
½	0	0	5½	36	1	13	9	72	3	7	6	108	5	1	3
¾	0	0	8¼	37	1	14	8¼	73	3	8	5¼	109	5	2	2¼
1	0	0	11¼	38	1	15	7½	74	3	9	4½	110	5	3	1½
2	0	1	10½	39	1	16	6¾	75	3	10	3¾	111	5	4	0¾
3	0	2	9¾	40	1	17	6	76	3	11	3	112	5	5	0
4	0	3	9	41	1	18	5¼	77	3	12	2¼	113	5	5	11¼
5	0	4	8¼	42	1	19	4½	78	3	13	1½	114	5	6	10½
6	0	5	7½	43	2	0	3¾	79	3	14	0¾	115	5	7	9¾
7	0	6	6¾	44	2	1	3	80	3	15	0	116	5	8	9
8	0	7	6	45	2	2	2¼	81	3	15	11¼	117	5	9	8¼
9	0	8	5¼	46	2	3	1½	82	3	16	10½	118	5	10	7½
10	0	9	4½	47	2	4	0¾	83	3	17	9¾	119	5	11	6¾
11	0	10	3¾	48	2	5	0	84	3	18	9	120	5	12	6
12	0	11	3	49	2	5	11¼	85	3	19	8¼	121	5	13	5¼
13	0	12	2¼	50	2	6	10½	86	4	0	7½	122	5	14	4½
14	0	13	1½	51	2	7	9¾	87	4	1	6¾	123	5	15	3¾
15	0	14	0¾	52	2	8	9	88	4	2	6	124	5	16	3
16	0	15	0	53	2	9	8¼	89	4	3	5¼	125	5	17	2¼
17	0	15	11¼	54	2	10	7½	90	4	4	4½	126	5	18	1½
18	0	16	10½	55	2	11	6¾	91	4	5	3¾	127	5	19	0¾
19	0	17	9¾	56	2	12	6	92	4	6	3	128	6	0	0
20	0	18	9	57	2	13	5¼	93	4	7	2¼	129	6	0	11¼
21	0	19	8¼	58	2	14	4½	94	4	8	1½	130	6	1	10½
22	1	0	7½	59	2	15	3¾	95	4	9	0¾	131	6	2	9¾
23	1	1	6¾	60	2	16	3	96	4	10	0	132	6	3	9
24	1	2	6	61	2	17	2¼	97	4	10	11¼	133	6	4	8¼
25	1	3	5¼	62	2	18	1½	98	4	11	10½	134	6	5	7½
26	1	4	4½	63	2	19	0¾	99	4	12	9¾	135	6	6	6¾
27	1	5	3¾	64	3	0	0	100	4	13	9	136	6	7	6
28	1	6	3	65	3	0	11¼	101	4	14	8¼	137	6	8	5¼
29	1	7	2¼	66	3	1	10½	102	4	15	7½	138	6	9	4½
30	1	8	1½	67	3	2	9¾	103	4	16	6¾	139	6	10	3¾
31	1	9	0¾	68	3	3	9	104	4	17	6	140	6	11	3
32	1	10	0	69	3	4	8¼	105	4	18	5¼	141	6	12	2¼
33	1	10	11¼	70	3	5	7½	106	4	19	4½	142	6	13	1½
34	1	11	10½												

At Elevenpence Halfpenny per Hour.

$11\frac{1}{2}$d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
$\frac{1}{4}$	0	0	$2\frac{1}{2}$	35	1	13	$6\frac{1}{2}$	71	3	8	$0\frac{1}{2}$	107	5	2	$6\frac{1}{2}$
$\frac{1}{2}$	0	0	$5\frac{3}{4}$	36	1	14	6	72	3	9	0	108	5	3	6
$\frac{3}{4}$	0	0	$8\frac{1}{2}$	37	1	15	$5\frac{1}{2}$	73	3	9	$11\frac{1}{2}$	109	5	4	$5\frac{1}{2}$
1	0	0	$11\frac{1}{2}$	38	1	16	5	74	3	10	11	110	5	5	5
2	0	1	11	39	1	17	$4\frac{1}{2}$	75	3	11	$10\frac{1}{2}$	111	5	6	$4\frac{1}{2}$
3	0	2	$10\frac{1}{2}$	40	1	18	4	76	3	12	10	112	5	7	4
4	0	3	10	41	1	19	$3\frac{1}{2}$	77	3	13	$9\frac{1}{2}$	113	5	8	$3\frac{1}{2}$
5	0	4	$9\frac{1}{2}$	42	2	0	3	78	3	14	9	114	5	9	3
6	0	5	9	43	2	1	$2\frac{1}{2}$	79	3	15	$8\frac{1}{2}$	115	5	10	$2\frac{1}{2}$
7	0	6	$8\frac{1}{2}$	44	2	2	2	80	3	16	8	116	5	11	2
8	0	7	8	45	2	3	$1\frac{1}{2}$	81	3	17	$7\frac{1}{2}$	117	5	12	$1\frac{1}{2}$
9	0	8	$7\frac{1}{2}$	46	2	4	1	82	3	18	7	118	5	13	1
10	0	9	7	47	2	5	$0\frac{1}{2}$	83	3	19	$6\frac{1}{2}$	119	5	14	$0\frac{1}{2}$
11	0	10	$6\frac{1}{2}$	48	2	6	0	84	4	0	6	120	5	15	0
12	0	11	6	49	2	6	$11\frac{1}{2}$	85	4	1	$5\frac{1}{2}$	121	5	15	$11\frac{1}{2}$
13	0	12	$5\frac{1}{2}$	50	2	7	11	86	4	2	5	122	5	16	11
14	0	13	5	51	2	8	$10\frac{1}{2}$	87	4	3	$4\frac{1}{2}$	123	5	17	$10\frac{1}{2}$
15	0	14	$4\frac{1}{2}$	52	2	9	10	88	4	4	4	124	5	18	10
16	0	15	4	53	2	10	$9\frac{1}{2}$	89	4	5	$3\frac{1}{2}$	125	5	19	$9\frac{1}{2}$
17	0	16	$3\frac{1}{2}$	54	2	11	9	90	4	6	3	126	6	0	9
18	0	17	3	55	2	12	$8\frac{1}{2}$	91	4	7	$2\frac{1}{2}$	127	6	1	$8\frac{1}{2}$
19	0	18	$2\frac{1}{2}$	56	2	13	8	92	4	8	2	128	6	2	8
20	0	19	2	57	2	14	$7\frac{1}{2}$	93	4	9	$1\frac{1}{2}$	129	6	3	$7\frac{1}{2}$
21	1	0	$1\frac{1}{2}$	58	2	15	7	94	4	10	1	130	6	4	7
22	1	1	1	59	2	16	$6\frac{1}{2}$	95	4	11	$0\frac{1}{2}$	131	6	5	$6\frac{1}{2}$
23	1	2	$0\frac{1}{2}$	60	2	17	6	96	4	12	0	132	6	6	6
24	1	3	0	61	2	18	$5\frac{1}{2}$	97	4	12	$11\frac{1}{2}$	133	6	7	$5\frac{1}{2}$
25	1	3	$11\frac{1}{2}$	62	2	19	5	98	4	13	11	134	6	8	5
26	1	4	11	63	3	0	$4\frac{1}{2}$	99	4	14	$10\frac{1}{2}$	135	6	9	$4\frac{1}{2}$
27	1	5	$10\frac{1}{2}$	64	3	1	4	100	4	15	10	136	6	10	4
28	1	6	10	65	3	2	$3\frac{1}{2}$	101	4	16	$9\frac{1}{2}$	137	6	11	$3\frac{1}{2}$
29	1	7	$9\frac{1}{2}$	66	3	3	3	102	4	17	9	138	6	12	3
30	1	8	9	67	3	4	$2\frac{1}{2}$	103	4	18	$8\frac{1}{2}$	139	6	13	$2\frac{1}{2}$
31	1	9	$8\frac{1}{2}$	68	3	5	2	104	4	19	8	140	6	14	2
32	1	10	8	69	3	6	$1\frac{1}{2}$	105	5	0	$7\frac{1}{2}$	141	6	15	$1\frac{1}{2}$
33	1	11	$7\frac{1}{2}$	70	3	7	1	106	5	1	7	142	6	16	1
34	1	12	7												

At Elevenpence Three Farthings per Hour.

11¾d.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	2½	35	1	14	3¼	71	3	9	6¼	107	5	4	9¼
½	0	0	5¾	36	1	15	3	72	3	10	6	108	5	5	9
¾	0	0	8¾	37	1	16	2¾	73	3	11	5¾	109	5	6	8¾
1	0	0	11¾	38	1	17	2½	74	3	12	5½	110	5	7	8½
2	0	1	11½	39	1	18	2¼	75	3	13	5¼	111	5	8	8¼
3	0	2	11¼	40	1	19	2	76	3	14	5	112	5	9	8
4	0	3	11	41	2	0	1¾	77	3	15	4¾	113	5	10	7¾
5	0	4	10¾	42	2	1	1½	78	3	16	4½	114	5	11	7½
6	0	5	10½	43	2	2	1¼	79	3	17	4¼	115	5	12	7¼
7	0	6	10¼	44	2	3	1	80	3	18	4	116	5	13	7
8	0	7	10	45	2	4	0¾	81	3	19	3¾	117	5	14	6¾
9	0	8	9¾	46	2	5	0½	82	4	0	3½	118	5	15	6½
10	0	9	9½	47	2	6	0¼	83	4	1	3¼	119	5	16	6¼
11	0	10	9¼	48	2	7	0	84	4	2	3	120	5	17	6
12	0	11	9	49	2	7	11¾	85	4	3	2¾	121	5	18	5¾
13	0	12	8¾	50	2	8	11½	86	4	4	2½	122	5	19	5½
14	0	13	8½	51	2	9	11¼	87	4	5	2¼	123	6	0	5¼
15	0	14	8¼	52	2	10	11	88	4	6	2	124	6	1	5
16	0	15	8	53	2	11	10¾	89	4	7	1¾	125	6	2	4¾
17	0	16	7¾	54	2	12	10½	90	4	8	1½	126	6	3	4½
18	0	17	7½	55	2	13	10¼	91	4	9	1¼	127	6	4	4¼
19	0	18	7¼	56	2	14	10	92	4	10	1	128	6	5	4
20	0	19	7	57	2	15	9¾	93	4	11	0¾	129	6	6	3¾
21	1	0	6¾	58	2	16	9½	94	4	12	0½	130	6	7	3½
22	1	1	6½	59	2	17	9¼	95	4	13	0¼	131	6	8	3¼
23	1	2	6¼	60	2	18	9	96	4	14	0	132	6	9	3
24	1	3	6	61	2	19	8¾	97	4	14	11¾	133	6	10	2¾
25	1	4	5¾	62	3	0	8½	98	4	15	11½	134	6	11	2½
26	1	5	5½	63	3	1	8¼	99	4	16	11¼	135	6	12	2¼
27	1	6	5¼	64	3	2	8	100	4	17	11	136	6	13	2
28	1	7	5	65	3	3	7¾	101	4	18	10¾	137	6	14	1¾
29	1	8	4¾	66	3	4	7½	102	4	19	10½	138	6	15	1½
30	1	9	4½	67	3	5	7¼	103	5	0	10¼	139	6	16	1¼
31	1	10	4¼	68	3	6	7	104	5	1	10	140	6	17	1
32	1	11	4	69	3	7	6¾	105	5	2	9¾	141	6	18	0¾
33	1	12	3¾	70	3	8	6½	106	5	3	9½	142	6	19	0½
34	1	13	3½												

At One Shilling per Hour.

1s.

Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.	Hrs.	£	s.	d.
¼	0	0	3	35	1	15	0	71	3	11	0	107	5	7	0
½	0	0	6	36	1	16	0	72	3	12	0	108	5	8	0
¾	0	0	9	37	1	17	0	73	3	13	0	109	5	9	0
1	0	1	0	38	1	18	0	74	3	14	0	110	5	10	0
2	0	2	0	39	1	19	0	75	3	15	0	111	5	11	0
3	0	3	0	40	2	0	0	76	3	16	0	112	5	12	0
4	0	4	0	41	2	1	0	77	3	17	0	113	5	13	0
5	0	5	0	42	2	2	0	78	3	18	0	114	5	14	0
6	0	6	0	43	2	3	0	79	3	19	0	115	5	15	0
7	0	7	0	44	2	4	0	80	4	0	0	116	5	16	0
8	0	8	0	45	2	5	0	81	4	1	0	117	5	17	0
9	0	9	0	46	2	6	0	82	4	2	0	118	5	18	0
10	0	10	0	47	2	7	0	83	4	3	0	119	5	19	0
11	0	11	0	48	2	8	0	84	4	4	0	120	6	0	0
12	0	12	0	49	2	9	0	85	4	5	0	121	6	1	0
13	0	13	0	50	2	10	0	86	4	6	0	122	6	2	0
14	0	14	0	51	2	11	0	87	4	7	0	123	6	3	0
15	0	15	0	52	2	12	0	88	4	8	0	124	6	4	0
16	0	16	0	53	2	13	0	89	4	9	0	125	6	5	0
17	0	17	0	54	2	14	0	90	4	10	0	126	6	6	0
18	0	18	0	55	2	15	0	91	4	11	0	127	6	7	0
19	0	19	0	56	2	16	0	92	4	12	0	128	6	8	0
20	1	0	0	57	2	17	0	93	4	13	0	129	6	9	0
21	1	1	0	58	2	18	0	94	4	14	0	130	6	10	0
22	1	2	0	59	2	19	0	95	4	15	0	131	6	11	0
23	1	3	0	60	3	0	0	96	4	16	0	132	6	12	0
24	1	4	0	61	3	1	0	97	4	17	0	133	6	13	0
25	1	5	0	62	3	2	0	98	4	18	0	134	6	14	0
26	1	6	0	63	3	3	0	99	4	19	0	135	6	15	0
27	1	7	0	64	3	4	0	100	5	0	0	136	6	16	0
28	1	8	0	65	3	5	0	101	5	1	0	137	6	17	0
29	1	9	0	66	3	6	0	102	5	2	0	138	6	18	0
30	1	10	0	67	3	7	0	103	5	3	0	139	6	19	0
31	1	11	0	68	3	8	0	104	5	4	0	140	7	0	0
32	1	12	0	69	3	9	0	105	5	5	0	141	7	1	0
33	1	13	0	70	3	10	0	106	5	6	0	142	7	2	0
34	1	14	0												

TABLE No. 22.

RIVET RECKONER.

TABLE No. 22.– RIVET RECKONER.

This Table is useful to piece-work Riveters who are paid by the 100 rivets. The second column is useful for calculating the amounts when the price per 100 rivets contains 3d. or 9d.

Example.—What is to be paid for putting in 2,150 rivets at the rate of 6s. 9d. per 100?

	£	s.	d.
2000 at 6s. 6d. is	6	10	0
100 do.	0	6	6
50 do.	0	3	3
	6	19	9
Add	0	5	$4\frac{1}{2}$
Total amount	£7	5	$1\frac{1}{2}$

	£	s.	d.
2000 at 3d. is	0	5	0
100 do.	0	0	3
50 do.	0	0	$1\frac{1}{2}$
Carry	£0	5	$4\frac{1}{2}$

No. of Rivets.	At 3d per 100.			At 4s. 6d. per 100.			At 5s. per 100.			At 5s 6d. per 100.			At 6s. per 100.			At 6s. 6d. per 100.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
1		—		0	0	0½	0	0	0½	0	0	0¼	0	0	0¾	0	0	0¾
2		—		0	0	1	0	0	1¼	0	0	1¼	0	0	1½	0	0	1½
3		—		0	0	1½	0	0	1¾	0	0	2	0	0	2	0	0	2¼
4		—		0	0	2¾	0	0	2½	0	0	2½	0	0	2¾	0	0	3
5		—		0	0	2¾	0	0	3	0	0	3¼	0	0	3½	0	0	4
6		—		0	0	3¼	0	0	3½	0	0	4	0	0	4¼	0	0	4½
7		—		0	0	3¾	0	0	4¼	0	0	4½	0	0	5	0	0	5½
8	0	0	0¼	0	0	4¼	0	0	4¾	0	0	5¼	0	0	5¾	0	0	6¼
9		—		0	0	4¾	0	0	5½	0	0	6	0	0	6½	0	0	7
10		—		0	0	5½	0	0	6	0	0	6½	0	0	7¼	0	0	7¾
11		—		0	0	6	0	0	6½	0	0	7¼	0	0	8	0	0	8½
12		—		0	0	6½	0	0	7¼	0	0	8	0	0	8½	0	0	9¼
13		—		0	0	7	0	0	7¾	0	0	8½	0	0	9¼	0	0	10
14		—		0	0	7½	0	0	8½	0	0	9¼	0	0	10	0	0	11
15		—		0	0	8	0	0	9	0	0	10	0	0	10¾	0	0	11¾
16		—		0	0	8½	0	0	9½	0	0	10½	0	0	11½	0	1	0½
17	0	0	0½	0	0	9	0	0	10¼	0	0	11¼	0	1	0¼	0	1	1¼
18		—		0	0	9¾	0	0	10¾	0	0	11¾	0	1	1	0	1	2
19		—		0	0	10¼	0	0	11½	0	1	0½	0	1	1½	0	1	2¾
20		—		0	0	10¾	0	1	0	0	1	1¼	0	1	2½	0	1	3½
25	0	0	0¾	0	1	1½	0	1	3	0	1	4½	0	1	6	0	1	7½
30		—		0	1	4¼	0	1	6	0	1	7¾	0	1	9½	0	1	11½
40		—		0	1	9½	0	2	0	0	2	2½	0	2	4¾	0	2	7¼
50	0	0	1½	0	2	3	0	2	6	0	2	9	0	3	0	0	3	3
60		—		0	2	8½	0	3	0	0	3	3½	0	3	7¼	0	3	10¾
70		—		0	3	1¾	0	3	6	0	3	10¼	0	4	2½	0	4	6½
80		—		0	3	7¼	0	4	0	0	4	4¾	0	4	9½	0	5	2½
90		—		0	4	0½	0	4	6	0	4	11½	0	5	4¾	0	5	10¼
100	0	0	3	0	4	6	0	5	0	0	5	6	0	6	0	0	6	6
200	0	0	6	0	9	0	0	10	0	0	11	0	0	12	0	0	13	0
300	0	0	9	0	13	6	0	15	0	0	16	6	0	18	0	0	19	6
400	0	1	0	0	18	0	1	0	0	1	2	0	1	4	0	1	6	0
500	0	1	3	1	2	6	1	5	0	1	7	6	1	10	0	1	12	6
600	0	1	6	1	7	0	1	10	0	1	13	0	1	16	0	1	19	0
700	0	1	9	1	11	6	1	15	0	1	18	6	2	2	0	2	5	6
800	0	2	0	1	16	0	2	0	0	2	4	0	2	8	0	2	12	0
900	0	2	3	2	0	6	2	5	0	2	9	6	2	14	0	2	18	6
1000	0	2	6	2	5	0	2	10	0	2	15	0	3	0	0	3	5	0
2000	0	5	0	4	10	0	5	0	0	5	10	0	6	0	0	6	10	0
3000	0	7	6	6	15	0	7	10	0	8	5	0	9	0	0	9	15	0
4000	0	10	0	9	0	0	10	0	0	11	0	0	12	0	0	13	0	0

No. of Rivets.	At 7s. per 100.			At 7s. 6d. per 100.			At 8s. per 100.			At 8s. 6d. per 100.			At 9s. per 100.			At 9s. 6d. per 100.			At 10s. per 100.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
1	0	0	0¾	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1¼	0	0	1¼
2	0	0	1½	0	0	1¾	0	0	2	0	0	2	0	0	2	0	0	2¼	0	0	2½
3	0	0	2¼	0	0	2¾	0	0	3	0	0	3	0	0	3¼	0	0	3½	0	0	3¾
4	0	0	3¼	0	0	3½	0	0	4	0	0	4	0	0	4½	0	0	4¾	0	0	4¾
5	0	0	4¼	0	0	4½	0	0	5	0	0	5	0	0	5½	0	0	5¾	0	0	6
6	0	0	5	0	0	5½	0	0	5¾	0	0	6	0	0	6½	0	0	6¾	0	0	7¼
7	0	0	5¾	0	0	6¼	0	0	6¾	0	0	7	0	0	7½	0	0	8	0	0	8½
8	0	0	6¾	0	0	7¼	0	0	7¾	0	0	8	0	0	8½	0	0	9	0	0	9½
9	0	0	7½	0	0	8	0	0	8¾	0	0	9	0	0	9¾	0	0	10¼	0	0	10¾
10	0	0	8½	0	0	9	0	0	9¾	0	0	10¼	0	0	10¾	0	0	11¼	0	1	0
11	0	0	9¼	0	0	10	0	0	10½	0	0	11¼	0	0	11¾	0	1	0½	0	1	1¼
12	0	0	10	0	0	10¾	0	0	11½	0	1	0¼	0	1	1	0	1	1½	0	1	2½
13	0	0	11	0	0	11¾	0	1	0½	0	1	1¼	0	1	2	0	1	2¾	0	1	3½
14	0	0	11¾	0	1	0½	0	1	1½	0	1	2¼	0	1	3	0	1	4	0	1	4¾
15	0	1	0½	0	1	1½	0	1	2½	0	1	3¼	0	1	4¼	0	1	5	0	1	6
16	0	1	1½	0	1	2½	0	1	3½	0	1	4¼	0	1	5¼	0	1	6¼	0	1	7¼
17	0	1	2¼	0	1	3¼	0	1	4½	0	1	5¼	0	1	6¾	0	1	7¾	0	1	8½
18	0	1	3	0	1	4¼	0	1	5¼	0	1	6¼	0	1	7½	0	1	8	0	1	9½
19	0	1	4	0	1	5	0	1	6¼	0	1	7¼	0	1	8½	0	1	9½	0	1	10¼
20	0	1	4¾	0	1	6	0	1	7¼	0	1	8½	0	1	9½	0	1	10¾	0	2	0
30	0	2	1¼	0	2	3	0	2	4¾	0	2	6½	0	2	8½	0	2	10¼	0	3	0
40	0	2	9½	0	3	0	0	3	2½	0	3	4¾	0	3	7¼	0	3	9½	0	4	0
50	0	3	6	0	3	9	0	4	0	0	4	3	0	4	6	0	4	9	0	5	0
60	0	4	2½	0	4	6	0	4	9½	0	5	1¼	0	5	4¾	0	5	8½	0	6	0
70	0	4	1 ¾	0	5	3	0	5	7¼	0	5	11½	0	6	3½	0	6	7¾	0	7	0
80	0	5	7¼	0	6	0	0	6	4¾	0	6	9½	0	7	2½	0	7	7¼	0	8	0
90	0	6	3½	0	6	9	0	7	2½	0	7	7¾	0	8	1¼	0	8	6½	0	9	0
100	0	7	0	0	7	6	0	8	0	0	8	6	0	9	0	0	9	6	0	10	0
200	0	14	0	0	15	0	0	16	0	0	17	0	0	18	0	0	19	0	1	0	0
300	1	1	0	1	2	6	1	4	0	1	5	6	1	7	0	1	8	6	1	10	0
400	1	8	0	1	10	0	1	12	0	1	14	0	1	16	0	1	18	0	2	0	0
500	1	15	0	1	17	6	2	0	0	2	2	6	2	5	0	2	7	6	2	10	0
600	2	2	0	2	5	0	2	8	0	2	11	0	2	14	0	2	17	0	3	0	0
700	2	9	0	2	12	6	2	16	0	2	19	6	3	3	0	3	6	6	3	10	0
800	2	16	0	3	0	0	3	4	0	3	8	0	3	12	0	3	16	0	4	0	0
900	3	3	0	3	7	6	3	12	0	3	16	6	4	1	0	4	5	6	4	10	0
1000	3	10	0	3	15	0	4	0	0	4	5	0	4	10	0	4	15	0	5	0	0
2000	7	0	0	7	10	0	8	0	0	8	10	0	9	0	0	9	10	0	10	0	0
3000	10	10	0	11	5	0	12	0	0	12	15	0	13	10	0	14	5	0	15	0	0
4000	14	0	0	15	0	0	16	0	0	17	0	0	18	0	0	19	0	0	20	0	0

TABLE No. 23.

STRENGTH OF RIVETED JOINTS.

TABLE No. 23.—STRENGTH OF RIVETED JOINTS.

SINGLE-RIVETING.

IRON RIVETS, IRON PLATES, LAP-JOINTS, PUNCHED HOLES.

Lap = 3 Diameters.

Thickness of Plate.	Diameter of Rivet.	Pitch.	Lap.	Percentage. Rivet.	Percentage. Plate.
$\frac{5}{16}$	$\frac{5}{8}$	$1\frac{5}{8}$	$1\frac{7}{8}$	61·0	61·0
$\frac{3}{8}$	$\frac{3}{4}$	$1\frac{15}{16}$	$2\frac{1}{4}$	61·2	60·9
$\frac{7}{16}$	$\frac{13}{16}$	2	$2\frac{7}{16}$	59·2	59·3
$\frac{1}{2}$	$\frac{7}{8}$	$2\frac{1}{16}$	$2\frac{5}{8}$	58·3	57·5
$\frac{9}{16}$	1	$2\frac{3}{8}$	3	58·7	58·3
$\frac{5}{8}$	$1\frac{1}{16}$	$2\frac{3}{8}$-$\frac{3}{32}$	$3\frac{3}{16}$	57·4	56·9
$\frac{11}{16}$	$1\frac{3}{16}$	$2\frac{13}{16}$	$3\frac{9}{16}$	57·3	57·7
$\frac{3}{4}$	$1\frac{1}{4}$	$2\frac{7}{8}$	$3\frac{3}{4}$	56·9	56·5

DOUBLE-RIVETING.

IRON RIVETS, IRON PLATES, LAP-JOINTS, PUNCHED HOLES.

Lap = 5 Diameters.

Thickness of Plate.	Diameter of Rivet.	Pitch.	Lap.	Percentage. Rivet.	Percentage. Plate.
$\frac{3}{8}$	$\frac{5}{8}$	$2\frac{1}{4}$	$3\frac{1}{8}$	72·7	72·2
$\frac{7}{16}$	$\frac{11}{16}$	$2\frac{3}{8}$	$3\frac{7}{16}$	71·4	71·0
$\frac{1}{2}$	$\frac{3}{4}$	$2\frac{1}{2}$	$3\frac{3}{4}$	70·5	70·0
$\frac{9}{16}$	$\frac{13}{16}$	$2\frac{5}{8}$	$4\frac{1}{16}$	70·3	69·0
$\frac{5}{8}$	$\frac{15}{16}$	$3\frac{1}{8}$	$4\frac{11}{16}$	70·6	70·0
$\frac{11}{16}$	$1\frac{1}{16}$	$3\frac{5}{8}$	$5\frac{5}{16}$	71·1	70·7
$\frac{3}{4}$	$1\frac{1}{8}$	$3\frac{3}{4}$	$5\frac{5}{8}$	70·6	70·0

TREBLE-RIVETING.

IRON RIVETS, IRON PLATES, LAP-JOINTS, PUNCHED HOLES.

Lap = 6 Diameters.

Thickness of Plate.	Diameter of Rivet.	Pitch.	Lap.	Percentage. Rivet.	Percentage. Plate.
$\frac{1}{2}$	$\frac{11}{16}$	$2\frac{7}{8}-\frac{1}{16}$	$4\frac{1}{8}$	75·8	75·5
$\frac{9}{16}$	$\frac{3}{4}$	$3\frac{3}{32}$	$4\frac{1}{2}$	76·1	75·7
$\frac{5}{8}$	$\frac{13}{16}$	$3\frac{1}{4}-\frac{1}{32}$	$4\frac{7}{8}$	75·8	75·2
$\frac{11}{16}$	$\frac{7}{8}$	$3\frac{1}{2}$	$5\frac{1}{4}$	75·0	75·0
$\frac{3}{4}$	$\frac{15}{16}$	$3\frac{11}{16}$	$5\frac{5}{8}$	74·8	74·5
$\frac{13}{16}$	1	$3\frac{7}{8}$	6	74·8	74·2
$\frac{7}{8}$	$1\frac{1}{16}$	$4\frac{3}{32}$	$6\frac{3}{8}$	74·2	74·5
$\frac{15}{16}$	$1\frac{1}{8}$	$4\frac{1}{4}-\frac{1}{32}$	$6\frac{3}{4}$	74·3	73·7
1	$1\frac{3}{16}$	$4\frac{1}{2}$	$7\frac{1}{8}$	73·8	73·8
$1\frac{1}{16}$	$1\frac{1}{4}$	$4\frac{5}{8}-\frac{3}{32}$	$7\frac{1}{2}$	73·4	73·5
$1\frac{1}{8}$	$1\frac{1}{4}$	$4\frac{1}{2}$	$7\frac{1}{2}$	72·7	72·2

DOUBLE BUTT-STRAPS, DOUBLE-RIVETED.

IRON RIVETS, IRON PLATES, BUTT-JOINTS, PUNCHED HOLES.

Breadth of Strap = 10 Diameters. 1·75 allowed for Double Shear.

Thickness of Plate.	Diameter of Rivet.	Pitch.	Breadth of Strap.	Percentage. Rivet.	Percentage. Plate.
$\frac{1}{2}$	$\frac{5}{8}$	$2\frac{3}{4}-\frac{1}{32}$	$6\frac{1}{4}$	77·1	77·1
$\frac{9}{16}$	$\frac{11}{16}$	3	$6\frac{7}{8}$	77·0	77·0
$\frac{5}{8}$	$\frac{3}{4}$	$3\frac{1}{8}-\frac{3}{32}$	$7\frac{1}{2}$	76·8	76·7
$\frac{11}{16}$	$\frac{13}{16}$	$3\frac{7}{16}$	$8\frac{1}{8}$	76·6	76·3
$\frac{3}{4}$	$\frac{7}{8}$	$3\frac{5}{8}-\frac{1}{32}$	$8\frac{3}{4}$	76·6	76·0
$\frac{13}{16}$	$\frac{15}{16}$	$3\frac{7}{8}-\frac{1}{32}$	$9\frac{3}{8}$	76·1	76·0
$\frac{7}{8}$	1	$4\frac{1}{8}$	10	78·4	78·1
$\frac{15}{16}$	$1\frac{1}{16}$	$4\frac{3}{8}$	$10\frac{5}{8}$	75·6	75·7
1	$1\frac{1}{8}$	$4\frac{1}{2}-\frac{3}{32}$	$11\frac{1}{4}$	75·6	75·5
$1\frac{1}{16}$	$1\frac{3}{16}$	$4\frac{13}{16}$	$11\frac{7}{8}$	76·0	75·3
$1\frac{1}{8}$	$1\frac{1}{4}$	$5\frac{1}{16}$	$12\frac{1}{2}$	75·2	75·3

SINGLE-RIVETING.

(BOARD OF TRADE.)

STEEL RIVETS, STEEL PLATES, LAP-JOINTS, DRILLED HOLES.

Lap = 3 Diameters.

Thickness of Plate.	Diameter of Rivet.	Pitch.	Lap.	Percentage. Rivet.	Percentage. Plate.
$\frac{5}{16}$	$\frac{11}{16}$	$1\frac{5}{8}$-$\frac{1}{32}$	$2\frac{1}{16}$	71·8	58·4
$\frac{3}{8}$	$\frac{13}{16}$	$1\frac{7}{8}$-$\frac{1}{16}$	$2\frac{7}{16}$	71·4	58·1
$\frac{7}{16}$	$\frac{15}{16}$	$2\frac{1}{4}$	$2\frac{13}{16}$	70·1	58·3
$\frac{1}{2}$	$1\frac{1}{16}$	$2\frac{1}{2}$-$\frac{1}{32}$	$3\frac{3}{16}$	70·3	58·0
$\frac{9}{16}$	$1\frac{1}{8}$	$2\frac{1}{2}$-$\frac{3}{32}$	$3\frac{3}{8}$	68·1	56·6
$\frac{5}{8}$	$1\frac{3}{16}$	$2\frac{5}{8}$-$\frac{1}{32}$	$3\frac{9}{16}$	66·7	55·2

DOUBLE-RIVETING.

(BOARD OF TRADE.)

STEEL RIVETS, STEEL PLATES, LAP-JOINTS, DRILLED HOLES.

Lap = 5 Diameters.

Thickness of Plate.	Diameter of Rivet.	Pitch.	Lap.	Percentage. Rivet.	Percentage. Plate.
$\frac{3}{8}$	$\frac{3}{4}$	$2\frac{5}{8}$-$\frac{1}{16}$	$3\frac{3}{4}$	87·7	72·1
$\frac{7}{16}$	$\frac{13}{16}$	$2\frac{3}{4}$	$4\frac{1}{16}$	86·2	70·4
$\frac{1}{2}$	$\frac{7}{8}$	$2\frac{7}{8}$	$4\frac{3}{8}$	84·1	69·5
$\frac{9}{16}$	1	$3\frac{5}{16}$	5	84·3	69·8
$\frac{5}{8}$	$1\frac{1}{16}$	$3\frac{3}{8}$-$\frac{1}{32}$	$5\frac{5}{16}$	83·2	68·7
$\frac{11}{16}$	$1\frac{1}{8}$	$3\frac{1}{2}$	$5\frac{5}{8}$	82·6	67·8
$\frac{3}{4}$	$1\frac{1}{4}$	$3\frac{7}{8}$-$\frac{1}{16}$	$6\frac{1}{4}$	83·1	68·2

TREBLE-RIVETING.

(BOARD OF TRADE.)

STEEL RIVETS, STEEL PLATES, LAP-JOINTS, DRILLED HOLES.

Lap = 6 Diameters.

Thickness of Plate.	Diameter of Rivet.	Pitch.	Lap.	Percentage. Rivet.	Percentage. Plate.
$\frac{1}{2}$	$\frac{13}{16}$	$3\frac{3}{8}$	$4\frac{7}{8}$	92·2	75·9
$\frac{9}{16}$	$\frac{7}{8}$	$3\frac{1}{2}$	$5\frac{1}{4}$	91·6	75·0
$\frac{5}{8}$	$\frac{15}{16}$	$3\frac{5}{8}$	$5\frac{5}{8}$	91·0	74·1
$\frac{11}{16}$	$1\frac{1}{16}$	$4\frac{1}{4}$	$6\frac{3}{8}$	91·0	75·0
$\frac{3}{4}$	$1\frac{1}{8}$	$4\frac{3}{8}-\frac{1}{32}$	$6\frac{3}{4}$	90·2	74·4
$\frac{13}{16}$	$1\frac{3}{16}$	$4\frac{1}{2}-\frac{1}{16}$	$7\frac{1}{8}$	89·6	74·3
$\frac{7}{8}$	$1\frac{1}{4}$	$4\frac{3}{4}$	$7\frac{1}{2}$	88·5	73·6
$\frac{15}{16}$	$1\frac{1}{4}$	$4\frac{1}{2}$	$7\frac{1}{2}$	87·2	72·2
1	$1\frac{5}{16}$	$4\frac{5}{8}-\frac{1}{16}$	$7\frac{7}{8}$	86·5	71·9

DOUBLE BUTT-STRAPS, DOUBLE-RIVETED

(BOARD OF TRADE.)

STEEL RIVETS, STEEL PLATES, BUTT-JOINTS, DRILLED HOLES.

Breadth of Strap = 10 Diameters. 1·75 allowed for Double Shear.

Thickness of Plate.	Diameter of Rivet.	Pitch.	Breadth of Strap.	Percentage. Rivet.	Percentage. Plate.
$\frac{1}{2}$	$\frac{11}{16}$	$2\frac{3}{4}-\frac{1}{16}$	$6\frac{7}{8}$	92·4	75·5
$\frac{9}{16}$	$\frac{3}{4}$	3	$7\frac{1}{2}$	91·5	75·1
$\frac{5}{8}$	$\frac{13}{16}$	$3\frac{1}{4}$	$8\frac{1}{8}$	90·2	75·0
$\frac{11}{16}$	$\frac{7}{8}$	$3\frac{3}{8}$	$8\frac{3}{4}$	90·6	74·0
$\frac{3}{4}$	$\frac{15}{16}$	$3\frac{1}{2}-\frac{3}{32}$	$9\frac{3}{8}$	89·6	73·6
$\frac{13}{16}$	1	$3\frac{3}{4}$	10	90·12	73·3
$\frac{7}{8}$	$1\frac{1}{8}$	$4\frac{3}{8}$	$11\frac{1}{4}$	90·8	74·2
$\frac{15}{16}$	$1\frac{3}{16}$	$4\frac{1}{2}-\frac{1}{16}$	$11\frac{7}{8}$	90·6	73·9
1	$1\frac{1}{4}$	$4\frac{3}{4}-\frac{1}{16}$	$12\frac{1}{2}$	90·0	74·0

SINGLE-RIVETING (LLOYD'S RULES).

IRON PLATE, IRON RIVETS, LAP-JOINTS, DRILLED HOLES.
Lap = 3 Diameters. Only 90 % of the Rivet Section allowed to be effective in drilled holes.

Thickness of Plate.	Diameter of Rivet.	Pitch.	Lap.	Percentage. Rivet.	Percentage. Plate.
$\frac{5}{16}$	$\frac{11}{16}$	$1\frac{3}{4}$	$2\frac{1}{16}$	67·9	60·7
$\frac{3}{8}$	$\frac{13}{16}$	$2\frac{1}{16}$	$2\frac{7}{16}$	67·0	60·0
$\frac{7}{16}$	$\frac{15}{16}$	$2\frac{1}{4}-\frac{3}{32}$	$2\frac{13}{16}$	67·4	60·1
$\frac{1}{2}$	1	$2\frac{3}{8}-\frac{1}{16}$	3	64·9	58·9
$\frac{9}{16}$	$1\frac{1}{8}$	$2\frac{5}{8}-\frac{3}{32}$	$3\frac{3}{8}$	65·1	58·6
$\frac{5}{8}$	$1\frac{3}{16}$	$2\frac{3}{4}-\frac{1}{32}$	$3\frac{9}{16}$	63·7	57·3

DOUBLE-RIVETING (LLOYD'S RULES).

IRON RIVETS, IRON PLATE, LAP-JOINTS, DRILLED HOLES.
Lap = 5 Diameters.

Thickness of Plate.	Diameter of Rivet.	Pitch.	Lap.	Percentage. Rivet.	Percentage. Plate.
$\frac{3}{8}$	$\frac{11}{16}$	$2\frac{3}{8}-\frac{3}{32}$	$3\frac{7}{16}$	80·2	72·1
$\frac{7}{16}$	$\frac{3}{4}$	$2\frac{1}{2}-\frac{3}{32}$	$3\frac{3}{4}$	77·7	71·1
$\frac{1}{2}$	$\frac{13}{16}$	$2\frac{5}{8}-\frac{1}{16}$	$4\frac{1}{16}$	77·2	69·4
$\frac{9}{16}$	$\frac{15}{16}$	$3\frac{1}{8}$	$4\frac{11}{16}$	78·5	70·0
$\frac{5}{8}$	1	$3\frac{1}{4}$	5	77·3	69·2
$\frac{11}{16}$	$1\frac{1}{16}$	$3\frac{3}{8}$	$5\frac{5}{16}$	76·4	68·5
$\frac{3}{4}$	$1\frac{1}{8}$	$3\frac{1}{2}-\frac{1}{32}$	$5\frac{5}{8}$	75·0	68·1

TREBLE-RIVETING (LLOYD'S RULES).

IRON RIVETS, IRON PLATE, LAP-JOINTS, DRILLED HOLES.
Lap = 6 Diameters.

Thickness of Plate.	Diameter of Rivet.	Pitch.	Lap.	Percentage. Rivet.	Percentage. Plate.
$\frac{1}{2}$	$\frac{3}{4}$	$3\frac{1}{8}-\frac{1}{32}$	$4\frac{1}{2}$	83·9	76·2
$\frac{9}{16}$	$\frac{13}{16}$	$3\frac{1}{4}-\frac{1}{32}$	$4\frac{7}{8}$	84·3	75·2
$\frac{5}{8}$	$\frac{7}{8}$	$3\frac{7}{16}$	$5\frac{1}{4}$	83·9	75·4
$\frac{11}{16}$	1	$4\frac{1}{16}$	6	84·4	75·4
$\frac{3}{4}$	$1\frac{1}{16}$	$4\frac{1}{4}$	$6\frac{3}{8}$	83·4	75·0
$\frac{13}{16}$	$1\frac{1}{8}$	$4\frac{3}{8}-\frac{1}{32}$	$6\frac{3}{4}$	83·3	74·5
$\frac{7}{8}$	$1\frac{3}{16}$	$4\frac{1}{2}-\frac{3}{32}$	$7\frac{1}{8}$	82·5	74·1
$\frac{15}{16}$	$1\frac{1}{4}$	$4\frac{3}{4}-\frac{1}{32}$	$7\frac{1}{2}$	82·1	73·8
1	$1\frac{5}{16}$	$4\frac{15}{16}$	$7\frac{7}{8}$	82·2	73·4

DOUBLE BUTT-STRAPS, DOUBLE-RIVETED (LLOYD'S RULES).

IRON RIVETS, IRON PLATE, BUTT-JOINTS, DRILLED HOLES.
Breadth of Strap = 10 Diameters. 1·75 for Double Shear.

Thickness of Plate.	Diameter of Rivet.	Pitch.	Breadth of Strap.	Percentage. Rivet.	Percentage. Plate.
$\frac{1}{2}$	$\frac{5}{8}$	$2\frac{1}{2}-\frac{1}{16}$	$6\frac{1}{4}$	83·8	75·6
$\frac{9}{16}$	$\frac{11}{16}$	$2\frac{3}{4}-\frac{1}{32}$	$6\frac{7}{8}$	82·9	75·2
$\frac{5}{8}$	$\frac{3}{4}$	3	$7\frac{1}{2}$	82·4	75·0
$\frac{11}{16}$	$\frac{13}{16}$	$3\frac{1}{8}-\frac{3}{32}$	$8\frac{1}{8}$	82·1	74·7
$\frac{3}{4}$	$\frac{15}{16}$	$3\frac{3}{4}-\frac{1}{16}$	$9\frac{3}{8}$	84·1	75·4
$\frac{13}{16}$	1	$4\frac{1}{32}$	10	84·0	75·2
$\frac{7}{8}$	$1\frac{1}{16}$	$4\frac{1}{4}$	$10\frac{5}{8}$	83·3	75·0
$\frac{15}{16}$	$1\frac{1}{8}$	$4\frac{3}{8}-\frac{3}{32}$	$11\frac{1}{4}$	83·1	74·8
1	$1\frac{3}{16}$	$4\frac{3}{4}$	$11\frac{7}{8}$	82·6	74·6

SINGLE-RIVETING (LLOYD'S RULES).

STEEL RIVETS, STEEL PLATES, LAP-JOINTS, DRILLED HOLES.
Lap = 3 Diameters. (Only 90 °/₀ of the Rivet Section allowed to be effective in drilled holes.)

Thickness of Plate.	Diameter of Rivet.	Pitch.	Lap.	Percentage. Rivet.	Percentage. Plate.
$\frac{5}{16}$	$\frac{13}{16}$	$2\frac{1}{32}$	$2\frac{7}{16}$	81·9	60·0
$\frac{3}{8}$	$\frac{15}{16}$	$2\frac{1}{4}-\frac{1}{16}$	$2\frac{13}{16}$	79·5	59·5
$\frac{7}{16}$	1	$2\frac{3}{8}$	3	75·7	57·8
$\frac{1}{2}$	$1\frac{1}{8}$	$2\frac{5}{8}$	$3\frac{3}{8}$	75·7	57·2
$\frac{9}{16}$	$1\frac{1}{4}$	$2\frac{3}{4}-\frac{3}{32}$	$3\frac{3}{4}$	76·4	56·0
$\frac{5}{8}$	$1\frac{5}{16}$	$2\frac{7}{8}-\frac{1}{16}$	$3\frac{15}{16}$	73·7	55·3

DOUBLE-RIVETING (LLOYD'S RULES).

STEEL RIVETS, STEEL PLATES, LAP-JOINTS, DRILLED HOLES.
Lap = 5 Diameters.

Thickness of Plate.	Diameter of Rivet.	Pitch.	Lap.	Percentage. Rivet.	Percentage. Plate.
$\frac{3}{8}$	$\frac{13}{16}$	$2\frac{7}{8}$	$4\frac{1}{16}$	96·6	71·7
$\frac{7}{16}$	$\frac{15}{16}$	$3\frac{5}{16}$	$4\frac{11}{16}$	95·4	71·4
$\frac{1}{2}$	$1\frac{1}{16}$	$3\frac{5}{8}-\frac{1}{16}$	$5\frac{5}{16}$	96·1	71·1
$\frac{9}{16}$	$1\frac{1}{8}$	$3\frac{3}{4}$	$5\frac{5}{8}$	94·3	70·0
$\frac{5}{8}$	$1\frac{3}{16}$	$3\frac{3}{4}-\frac{1}{16}$	$5\frac{15}{16}$	92·9	68·8
$\frac{11}{16}$	$1\frac{1}{4}$	$3\frac{7}{8}-\frac{1}{32}$	$6\frac{1}{4}$	91·4	68·0
$\frac{3}{4}$	$1\frac{5}{16}$	4	$6\frac{9}{16}$	90·1	67·2

TREBLE-RIVETING (LLOYD'S RULES).

STEEL RIVETS, STEEL PLATES, LAP-JOINTS, DRILLED HOLES.

Lap = 6 Diameters.

Thickness of Plate.	Diameter of Rivet.	Pitch.	Lap.	Percentage. Rivet.	Percentage. Plate.
$\frac{1}{2}$	$\frac{7}{8}$	$3\frac{5}{8}$	$5\frac{1}{4}$	99·5	75·8
$\frac{9}{16}$	$\frac{15}{16}$	$3\frac{3}{4}$	$5\frac{5}{8}$	98·2	75·0
$\frac{5}{8}$	$1\frac{1}{16}$	$4\frac{1}{4}-\frac{1}{32}$	$6\frac{3}{8}$	99·4	75·1
$\frac{11}{16}$	$1\frac{1}{8}$	$4\frac{3}{8}-\frac{1}{16}$	$6\frac{3}{4}$	97·8	74·6
$\frac{3}{4}$	$1\frac{3}{16}$	$4\frac{1}{2}-\frac{1}{16}$	$7\frac{1}{8}$	97·1	74·2
$\frac{13}{16}$	$1\frac{1}{4}$	$4\frac{5}{8}-\frac{1}{16}$	$7\frac{1}{2}$	96·7	73·3
$\frac{7}{8}$	$1\frac{1}{4}$	$4\frac{3}{8}-\frac{1}{16}$	$7\frac{1}{2}$	94·8	71·8
$\frac{15}{16}$	$1\frac{5}{16}$	$4\frac{5}{8}$	$7\frac{7}{8}$	93·6	71·4
1	$1\frac{5}{16}$	$4\frac{3}{8}$	$7\frac{7}{8}$	92·7	70·0

DOUBLE BUTT-STRAPS, DOUBLE-RIVETED (LLOYD'S RULES).

STEEL RIVETS, STEEL PLATES, BUTT-JOINTS, DRILLED HOLES.

Breadth of Strap = 10 Diameters. 1·75 allowed for Double Shear.

Thickness of Plate.	Diameter of Rivet.	Pitch.	Breadth of Strap.	Percentage. Rivet.	Percentage. Plate.
$\frac{1}{2}$	$\frac{3}{4}$	$3\frac{3}{32}$	$7\frac{1}{2}$	99·9	75·7
$\frac{9}{16}$	$\frac{13}{16}$	$3\frac{1}{4}$	$8\frac{1}{2}$	99·2	75·0
$\frac{5}{8}$	$\frac{7}{8}$	$3\frac{7}{16}$	$8\frac{3}{4}$	97·8	74·5
$\frac{11}{16}$	$\frac{15}{16}$	$3\frac{1}{2}-\frac{3}{32}$	$9\frac{3}{8}$	97·8	73·9
$\frac{3}{4}$	1	$3\frac{3}{4}$	10	97·6	73·3
$\frac{13}{16}$	$1\frac{1}{16}$	$3\frac{7}{8}-\frac{1}{16}$	$10\frac{5}{8}$	96·9	73·0
$\frac{7}{8}$	$1\frac{1}{8}$	$4\frac{1}{8}$	$11\frac{1}{4}$	96·2	72·7
$\frac{15}{16}$	$1\frac{3}{16}$	$4\frac{5}{16}$	$11\frac{7}{8}$	95·9	72·4
1	$1\frac{1}{4}$	$4\frac{3}{8}-\frac{3}{32}$	$12\frac{1}{2}$	95·4	72·2

TABLE No. 24.

DECIMAL EQUIVALENTS OF PARTS OF AN INCH.

TABLE No. 25.

DECIMAL EQUIVALENTS OF PARTS OF A FOOT.

TABLE No. 24.—DECIMAL EQUIVALENTS OF PARTS OF AN INCH.

Inches.	Decimals.	Inches.	Decimals.	Inches.	Decimals.	Inches.	Decimals
$\frac{1}{32}$	·03125	$\frac{9}{32}$	·28125	$\frac{17}{32}$	·53125	$\frac{25}{32}$	·78125
$\frac{1}{16}$	·0625	$\frac{5}{16}$	·3125	$\frac{9}{16}$	·5625	$\frac{13}{16}$	·8125
$\frac{3}{32}$	·09375	$\frac{11}{32}$	·34375	$\frac{19}{32}$	·59375	$\frac{27}{32}$	·84375
$\frac{1}{8}$	·125	$\frac{3}{8}$	·375	$\frac{5}{8}$	·625	$\frac{7}{8}$	·875
$\frac{5}{32}$	·15625	$\frac{13}{32}$	·40625	$\frac{21}{32}$	·65625	$\frac{29}{32}$	·90625
$\frac{3}{16}$	·1875	$\frac{7}{16}$	·4375	$\frac{11}{16}$	·6875	$\frac{15}{16}$	·9375
$\frac{7}{32}$	·21875	$\frac{15}{32}$	·46875	$\frac{23}{32}$	·71875	$\frac{31}{32}$	·96875
$\frac{1}{4}$	·25	$\frac{1}{2}$	·5	$\frac{3}{4}$	·75	1 inch	1·00

TABLE No. 25.—DECIMAL EQUIVALENTS OF PARTS OF A FOOT.

Inches.	Decimals.	Inches.	Decimals.	Inches.	Decimals.	Inches.	Decimals.
$\frac{1}{8}$	·010416	$3\frac{1}{8}$	·260416	$6\frac{1}{4}$	·510416	$9\frac{1}{8}$	·760416
$\frac{1}{4}$	·020830	$3\frac{1}{4}$	·270833	$6\frac{1}{8}$	·520833	$9\frac{1}{4}$	·770833
$\frac{3}{8}$	·031250	$3\frac{3}{8}$	·281250	$6\frac{3}{8}$	·531250	$9\frac{3}{8}$	·781250
$\frac{1}{2}$	·041666	$3\frac{1}{2}$	·291666	$6\frac{1}{2}$	·541666	$9\frac{1}{2}$	·791666
$\frac{5}{8}$	·05 083	$3\frac{5}{8}$	·302083	$6\frac{5}{8}$	·552083	$9\frac{5}{8}$	·802083
$\frac{3}{4}$	·062500	$3\frac{3}{4}$	·312500	$6\frac{3}{4}$	·5625	$9\frac{3}{4}$	·812500
$\frac{7}{8}$	·072916	$3\frac{7}{8}$	·322916	$6\frac{7}{8}$	·572916	$9\frac{7}{8}$	·822916
1	·0833	4	·333	7	·5833	10	·833
$1\frac{1}{8}$	·093749	$4\frac{1}{8}$	·343749	$7\frac{1}{8}$	·593749	$10\frac{1}{8}$	·843749
$1\frac{1}{4}$	·104166	$4\frac{1}{4}$	·354166	$7\frac{1}{4}$	·604166	$10\frac{1}{4}$	·854166
$1\frac{3}{8}$	·114583	$4\frac{3}{8}$	·364583	$7\frac{3}{8}$	·614583	$10\frac{3}{8}$	·864583
$1\frac{1}{2}$	·125	$4\frac{1}{2}$	·375	$7\frac{1}{2}$	·625	$10\frac{1}{2}$	·875
$1\frac{5}{8}$	·135416	$4\frac{5}{8}$	·385416	$7\frac{5}{8}$	·635416	$10\frac{5}{8}$	·885416
$1\frac{3}{4}$	·145833	$4\frac{3}{4}$	·395833	$7\frac{3}{4}$	·645833	$10\frac{3}{4}$	·895833
$1\frac{7}{8}$	·156249	$4\frac{7}{8}$	·406249	$7\frac{7}{8}$	·656249	$10\frac{7}{8}$	·906249
2	·166	5	·4166	8	·666	11	·9166
$2\frac{1}{8}$	·177082	$5\frac{1}{8}$	·427082	$8\frac{1}{8}$	·677082	$11\frac{1}{8}$	·927082
$2\frac{1}{4}$	·187499	$5\frac{1}{4}$	·427499	$8\frac{1}{4}$	·687499	$11\frac{1}{4}$	·937499
$2\frac{3}{8}$	·197916	$5\frac{3}{8}$	·447916	$8\frac{3}{8}$	·697916	$11\frac{3}{8}$	·947916
$2\frac{1}{2}$	·208333	$5\frac{1}{2}$	·458332	$8\frac{1}{2}$	·708330	$11\frac{1}{2}$	·958332
$2\frac{5}{8}$	·218749	$5\frac{5}{8}$	·468749	$8\frac{5}{8}$	·718749	$11\frac{5}{8}$	·968749
$2\frac{3}{4}$	·229166	$5\frac{3}{4}$	·479166	$8\frac{3}{4}$	·729166	$11\frac{3}{4}$	·979166
$2\frac{7}{8}$	·239582	$5\frac{7}{8}$	·489582	$8\frac{7}{8}$	·739582	$11\frac{7}{8}$	·989582
3	·25	6	·5	9	·75	12	1·00

FORM OF TIME SHEET.

FORM OF TIME SHEET.

Date.		Hours per day.	Rivets per day.	Price per 100.	Job.	Date.		Hours per day.	Rivets per day.	Price per 100.	Job.
	Mar.										
Mon.	3	9½	375	8s. 6d.	Firebox.	Mon.					
Tues.						Tues.					
Wed.						Wed.					
Thurs.						Thurs.					
Fri.						Fri.					
Sat.						Sat.					

Date.		Hours per day.	Rivets per day.	Price per 100.	Job.	Date.		Hours per day.	Rivets per day.	Price per 100.	Job.
	May.										
Mon.	4	7½	..	..	Building Casing.	Mon.					
	,,	2	..	..	Marking Firebox.						
Tues.						Tues.					
Wed.						Wed.					
Thurs.						Thurs.					
Fri.						Fri.					
Sat.						Sat.					

SAMPLE SHEET, WITH EXAMPLES.

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